



PETUNIA, SIOUX



ZINNIA, BLAZE



PETUNIA, PRIMA DONNA



ZINNIA, DAHLIA FLD. MIXED

1956
Guide

the Rocky Mountain Seed Co.

HOME OF PERFEGRO SEEDS

1321-27 15th Street • Denver 1, Colorado
MAin 3-6134



BIKINI RADISH
Pkt. 10c; oz. 20c; ¼ lb. 50c
lb. \$1.50



ONIONS
YELLOW SWEET SPANISH
No. 6
Pkt. 10c; oz. 50c
¼ lb. \$1.50; lb. \$5.00



WANDO PEAS
Pkt. 10c; ¼ lb. 25c
lb. 65c; 5 lbs. \$4.50



WASATCH BEAUTY
Pkt. 10c; oz. 75c; ¼ lb. \$2.25
lb. \$8.00. Postpaid.



MUSKMELON
HALES BEST No. 45
Pkt. 10c; oz. 25c
¼ lb. 75c; lb. \$2.25



SQUASH Early White Bush
Pkt. 10c; oz. 20c
¼ lb. 50c; lb. \$1.75

DENVER, COLORADO

All members of one family should order under one name. Please print or write plainly.

Where seeds are quoted postpaid these will be sent charges paid by us to the 4th postal zone from Denver. If you live beyond the 4th zone, add extra postage on all articles priced not postpaid. Be sure to add postage at zone rate.

NOTICE--While we take all possible pains to supply only pure and reliable seeds, **WE GIVE NO WARRANTY**, expressed or implied, as to the productiveness of any seeds or bulbs we sell and we will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed. When mentioned, purity and germination tests are for information only and without guarantee.

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If you have any neighbors or friends whom you think would be interested in our Catalog, if you will send us their names and addresses in the specially prepared spaces below we will send them a copy of this Catalog and place their names on our mailing list for future issues of same.

Name	Post Office	Rural Route No.	State
JATOT			

VEGETABLE SEEDS

For Critical Planters

ARTICHOKE

The artichoke is grown for its edible blossoms. It is a perennial but requires renewing every two or three years.

LARGE GREEN GLOBE—The standard variety for home and market gardens. A perennial, but not hardy in the north. Flower heads large, globular, deep green, with fleshy bases on the bud scales.

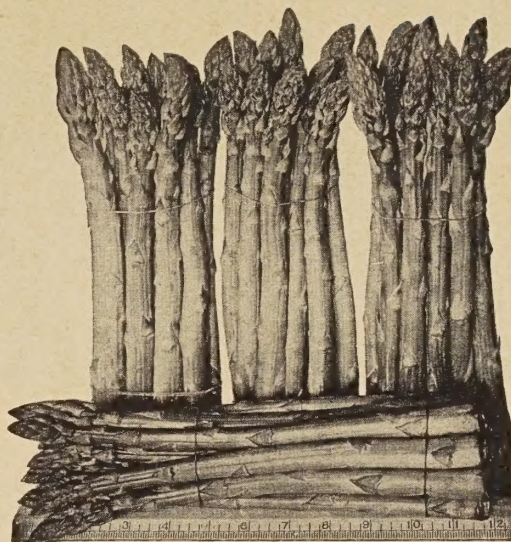
Postpaid—Pkt. 15c, oz. 50c, ¼ lb. \$1.50.

ASPARAGUS

CULTURE—One ounce for 300 roots. Asparagus seed is sown in the spring. The earlier the better after frost is out of the ground and the soil is in good workable condition, not sticky. Scatter the seed an inch apart in drills 2 to 3 feet apart and cover with about ¾-inch of soil. Keep cultivated, well watered and free from weeds.

MARY WASHINGTON—The best rust-resistant variety, heavily productive, producing large deep green shoots of the highest quality.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00.



ASPARAGUS

GARDEN BEANS

CULTURE—Beans can be planted with safety any time from May 15th to August 1st. They do better in a light sandy loam soil, but will thrive well in any good garden soil. Sow in rows 2½ to 3 feet apart; 1 lb. will sow a row 100 feet long; 60 to 90 lbs. will plant an acre. For a continuous supply plant every 10 days until August. Never cultivate or handle beans when the vines are wet.

Maturity periods listed means in the wax and green pod varieties the number of days required to produce snap beans. In Lima Beans the time required to produce green shell beans and in the Field class, the number of days required to produce dry shell beans fully matured.

GREEN PODDED BUSH BEANS

BROAD WINDSOR (Fava or Horse Bean)—75 days. An Italian variety used as a shell bean. Beans are large, broad, flat light green 6 to a pod.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 2 lbs. \$1.25, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$3.50, 25 lbs. \$7.50.

BURPEE'S STRINGLESS—54 days. Gardeners and canners like this stringless and fiberless bean for its excellent quality. It sells readily on the market, and for cut beans for canning, it can't be beat. Pod 6 inches long, medium green, round.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 2 lbs. \$1.25, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$3.50, 25 lbs. \$7.50.

CONTENDER—48 days. Pods thick oval, 7½ inches long, slightly curved, dark green. Plants vigorous, resistant to bean mosaic and partly so to powdery mildew.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 2 lbs. \$1.25, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$3.50, 25 lbs. \$7.50.

FULL MEASURE—60 days. Very desirable home garden and canning variety. Pods, medium green 6½ inches long, round, very fleshy, brittle and stringless.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 2 lbs. \$1.25, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$3.50, 25 lbs. \$7.50.

GIANT STRINGLESS—56 days. Pods medium green, round, about 6½ inches long, very fleshy with marked indentation between seeds. Brittle and stringless.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 2 lbs. \$1.25, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$3.50, 25 lbs. \$7.50.

LANDRETH'S STRINGLESS—54 days. Pods medium green, nearly round, very fleshy, stringless, fine grained and tender. Retain their green color well. Very productive.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 2 lbs. \$1.25, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$3.50, 25 lbs. \$7.50.

TENDERLONG No. 15—50 days. A new high yielding green pod variety of superior quality; has same features as Tendergreen and adding disease resistance to pod mottled viruses and some forms of powdery mildew.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 2 lbs. \$1.25, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$4.50, 25 lbs. \$10.00.

NEW STRINGLESS GREEN POD (Tendergreen)—53 days. Pods average 6 inches in length, are an attractive dark green, nearly straight, round fleshy, stringless and of excellent quality.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 2 lbs. \$1.25, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$3.50, 25 lbs. \$7.50.

STRINGLESS BLACK VALENTINE—Round Pod. 65 days. Excellent shipping variety, pods 6¾ inches long, medium green, nearly straight, stringless and of fine quality. Retains its color and texture long after picking, very prolific.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 2 lbs. \$1.25, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$3.50, 25 lbs. \$7.50.

SEMINOLE—55 days. Plants 18-20 inches high, dark green foliage, pods 6 to 6½ inches long, round, smooth, medium green, stringless. Has distinct "beany flavor". Tips well filled. Mosaic and Rust resistant.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 2 lbs. \$1.25, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$4.00, 25 lbs. \$9.00.



BEANS, FULL MEASURE

GREEN PODDED BUSH BEANS—Continued

TOP CROP BEAN

RUBY DWARF HORTICULTURAL—53 days. Excellent for green shell use and snaps. Pods green, flat, stringless at snap stage; greenish yellow splashed with carmine and nearly round at green shell stage.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 2 lbs. \$1.25, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$3.50, 25 lbs. \$7.50.

TOP CROP—The All American Gold Medal winner for 1950. 53 days. Plants grow 15-16 inches high with about 23 inch spread. High yields are borne during a short interval, giving a few large pickings rather than a number of small pickings. The pods are 5½ to 6 inches long, 7/16 inch wide, and round. The color is slightly lighter green than Tendergreen. They are straight to slightly curved, smooth entirely stringless. Top Crop is an excellent market, canning and freezing type. Seeds are oval, brown mottled and Mosaic resistant.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 2 lbs. \$1.25, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$4.00, 25 lbs. \$9.00.

WADE—55 days. This variety is resistant to common bean mosaic and powdery mildew. It has a deep green pod, 5½ to 6 inches long, round, slender with reddish brown seed. Holds its pods well up off the ground and is a top quality bean with very heavy yields.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 2 lbs. \$1.25, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$4.00, 25 lbs. \$9.00.

WAX BEANS

CHEROKEE—52 days. Plant large and erect, pods 6 inches long, golden wax, oval, nearly straight, stringless at all stages, tender and of good quality.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 2 lbs. \$1.25, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$3.75, 25 lbs. \$8.00.

IMPROVED GOLDEN WAX—51 days. Pods 4½ to 5 inches long, stringless, of rich golden yellow color, nearly flat. Superior in quality and yield.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 2 lbs. \$1.25, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$3.75, 25 lbs. \$8.00.

ROUND POD KIDNEY WAX OR BRITTLE WAX—58 days. Plants of medium size, with tender succulent buttery flavored beans. Ideal for home use and canning. Pods 6 to 6½ inches long, lemon yellow in color and stringless.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 2 lbs. \$1.25, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$3.75, 25 lbs. \$8.00.

PUREGOLD WAX—63 days. Pods are 5½ to 6 inches long, slim, round, golden yellow and stringless. Bush dark green, about 18 inches high. Seed white with light brown coloring around the eye. Resistant to common bean mosaic.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 2 lbs. \$1.25, 5 lbs. \$2.75.

POLE BEANS

BLUE LAKE—68 days. Vine dull green, climber, white flowers. Pods 6 inches long, curved round, stringless when young.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 2 lbs. \$1.25, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$3.75, 25 lbs. \$8.00.

KENTUCKY WONDER OR OLD HOMESTEAD—65 days. Pods medium green, borne in clusters, are round, 7½ to 8½ inches long, curved. Have delicious flavor and cook tender at all times.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 2 lbs. \$1.25, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$3.75, 25 lbs. \$8.00.

KENTUCKY WONDER WAX—68 days. Considered the best wax podded pole bean. Has beautiful flat, nearly stringless, waxy, yellow pods.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 2 lbs. \$1.25, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$3.75, 25 lbs. \$8.00.

OREGON GIANT—71 days. A desirable snap bean. Plants sturdy and prolific. Pods long stringless when young, splashed purplish blue.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 2 lbs. \$1.25, 5 lbs. \$2.75.

BUSH LIMA BEANS

BURPEE'S IMPROVED—75 days. Thick seeded or "potato type." Pods 6 inches long and 1¼ inches wide. Usually contains four large thick, fat green beans, fine grained and tasty.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 2 lbs. \$1.25, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$3.75, 25 lbs. \$8.00.

FORDHOOK—75 days. Plants strong, erect, bearing pods in clusters of 4 to 8. Pods measure 4 to 5½ inches long and contain three to five large thick green beans.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 2 lbs. \$1.25, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$3.75, 25 lbs. \$8.00.

GREEN SEEDED LIMA—68 days. The beans are somewhat thick, and have a particularly pleasing light green color which does not become white at the later picking stage. Highly productive, intended primarily for freezing and canning.

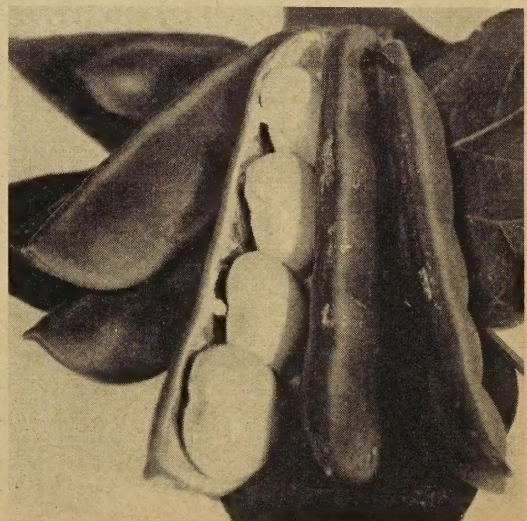
Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$4.00, 25 lbs. \$9.00.

FORDHOOK No. 242—75 days. Recommended for shipping and home gardens. Pods uniform in size, broad, thick and contain 3 to 4 beans of finest flavor. Seeds large, thick and plump.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$4.00, 25 lbs. \$9.00.

HENDERSON'S (Baby Lima)—65 days. Plant medium large, very productive. Small pods 3 inches long contain 3 to 4 green shell beans of very fine quality. Plants bear continuously.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 2 lbs. \$1.25, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$3.25, 25 lbs. \$7.50.



LIMA BEAN, FORDHOOK BUSH

TABLE BEETS

CULTURE—Sow 2 ounces to 100 feet of drill; 5 to 6 pounds per acre.



BEET, DETROIT DARK RED

DETROIT DARK RED—The outstanding variety for gardeners and canners. Top medium green, tinged with red. Roots globular, smooth, uniform, attractive with small tap root. Color deep oxblood red. Flesh dark red with faintly defined rings which disappear entirely when beet is cooked.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 50c, lb. \$1.50.

PERFECTED DETROIT (Special)—A mid-season variety. Tops tall, green and red. Roots globular, medium, flesh purplish red, sweet and tender. Specially bred for earliness and dark color. Ready for market in 50 to 60 days from time of planting.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$1.75.

CROSBY'S EGYPTIAN—An early variety for home and market garden use. Roots flattened, globular in shape, with small tap root; dark red. Top medium, flesh purplish red, sweet and tender. Specially bred for earliness and dark color.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 50c, lb. \$1.50.

GREEN TOP BUNCHING—60 days. Early, extremely attractive bunching beet. Tops medium sized and erect. Foliage clear, grayish green that does not turn red or brown in the fall. Roots round, smooth and glossy, flesh bright blood-red.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 50c, lb. \$1.50.

EARLY WONDER—Valuable to truckers and shippers as a first early variety; also used for fall planting. Tops medium small, erect, leaves purple mixed with green. Roots semi-globular, flesh blood red with zones of lighter shades; tender and of good quality.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 50c, lb. \$1.50.

EARLY WONDER (Tall Top)—Same as above except leaves are much taller, excellent for bunching and beet greens.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 50c, lb. \$1.50.

EXTRA EARLY FLAT EGYPTIAN—Very early, used by truckers for forcing to reach the earliest market. Tops small and erect. Roots flattish, medium dark red. Flesh bright blood red with light zones.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 50c, lb. \$1.50.

VERMILION CROSBY—55 days. Distinct for its light brick color, attractive on the market. Tops large and tall, medium green with red veins. Roots flattened globe or turnip shaped, smooth; outer color bright carmine red; flesh vermilion red, lighter zones.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$1.75.

MANGELS AND SUGAR BEETS

CULTURE—Sow 8 to 10 lbs. per acre. Sow in rows 2½ to 3 feet apart as soon as ground can be thoroughly worked. Cover seed about one inch, making ground firm over the seed. When 4 inches high, thin to 8 inches apart in the row. Mangels are a valuable feed for poultry and cattle. Thirty tons per acre is not an uncommon yield. For winter use store in pits the same as other root vegetables.

DANISH SLUDSTRUP—A good cropper and of high feeding value. Roots long, oval, reddish yellow. Grows half above ground, easily harvested. Flesh white, tinged with yellow.

GIANT HALF SUGAR—A heavy yielding, valuable variety for feeding. Roots long, oval; skin white, with rose-colored shoulder; flesh white with good sugar content.

GOLDEN TANKARD—Roots large, nearly cylindrical, partly above ground; skin deep orange, flesh yellow with white zones. Very productive.

MAMMOTH LONG RED—The most popular and the best cropper of all the mangels. Roots extremely large, slightly tapering; grow half above the ground; color light red, flesh white with rose tinge.

KLEIN WANZLEBEN (Sugar Beet)—The variety most used for making sugar. Roots long with thick shoulder, tapered; skin grey-white; flesh solid white.

WESTERN GIANT SUGAR BEET—A popular variety for sugar manufacturing because of high sugar content, also good for stock feed. Roots are long with white skin and flesh.

Prices on all above varieties: Postpaid—Oz. 20c, ¼ lb. 35c, lb. \$1.00, 5 lbs. \$4.50.

SWISS CHARD

CULTURE—Swiss Chard is a beet grown for its leaves. The midrib when boiled makes delicious greens, or the leaves may be boiled and served as spinach. Sown in the spring, the leaves are soon ready to eat and will continue to grow all through the summer and fall.

DARK GREEN—Leaves broad, upright in growth, very dark green savoyed with broad white midrib. This variety on account of its giant size and pleasing deep green color, will probably supersede other sorts.

FORDHOOK GIANT—Tall and sturdy; leaves broad, heavily crumpled, dark green; stems broad, thick white.

LUCULLUS—A new variety with curled leaves like a Savoy Cabbage. The plant grows nearly two feet high and the stem and leaves are very large and of fine quality.

Above Varieties: Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 35c, lb. \$1.00.

RHUBARB CHARD—A recently introduced strain in which the stems and midribs are bright crimson red. Leaves crumpled, dark green with red veins. Attractive home garden variety.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.50.



RHUBARB CHARD

BROCCOLI

CULTURE—Belongs to the same family as the cauliflower. More hardy and therefore better adapted to a wider range of conditions. Sow the seed in the same manner as for late cabbage, in May, and transplant in June or July, in very rich soil.

DeCICCO—An extremely early strain producing heads ready for market ten days earlier than Italian Green Sprouting. Plants medium tall, light green in color and very productive. Our stock of this strain has been carefully selected for uniformity and can be highly recommended as the earliest maturing strain obtainable.

Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.50, lb. \$5.00.

EARLY ONE—Plants are 3 to 4 ft. high and branched, after the central head is removed a number of small heads are produced on stems 4 to 5 inches in length, color dark bluish green. If kept cut, the plants will continue to produce for 5 to 6 weeks.

Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.50, lb. \$5.00.

WALTHAM 29—85 days. A slow bolting type producing a very compact head with small buds. Larger in size than regular strains, with more of a purple cast to heads. Stands more frost than any of the other varieties and for this reason is good for fall growing.

Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.50, lb. \$5.00.

CABBAGE

CULTURE—One ounce of seed will produce from 2,000 to 3,000 plants. It requires from 4 to 6 ounces of seed to produce plants for an acre of ground. For early cabbage in the Northern States the seed should be sown in hot-beds in February or March, or about six weeks before the ground outside is ready to receive the plants.



CABBAGE, COPENHAGEN MARKET

EARLY VARIETIES

GOLDEN ACRE—65 days. An extra early selection of the Copenhagen type, and the earliest of the round headed cabbages, maturing with Jersey Wakefield. Plants small, dwarf and compact, with few outer leaves; heads of medium size, round as a ball, hard, solid and very uniform. The best early shipping variety on account of its hard medium sized heads.

Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.50, lb. \$4.50.

GREEN ACRE—66 days. An attractive strain of Golden Acre. The type and general characteristics are the same, but Green Acre holds its green color longer and is thus of added value to market gardeners and shippers.

Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.50, lb. \$4.50.

GLORY OF ENKHUIZEN—80 days. A second early sure-heading variety of excellent quality. Heads large, round, solid, with few outer leaves. Used largely for kraut, also by truckers and shippers.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. \$1.00, lb. \$3.50.

EARLY JERSEY WAKEFIELD—65 days. Pointed head, medium early, very compact.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. \$1.00, lb. \$3.50.

GREEN MOUNTAIN—An early variety, forms very large, compact, dark green heads with tight fine buds, making it unusually attractive for market or freezing. Flower stems are long, making it easy to divide large heads for freezing. Laterals are produced somewhat slowly but are as large as center heads. Stays in condition well.

Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.50, lb. \$5.00.

BRUSSELS SPROUTS

CULTURE—Used in the fall and early winter. Plant resembles the cabbage, the edible part being the numerous very small heads or sprouts an inch or two in diameter formed on the stalk at each leaf joint. The culture is the same as for the cabbage, except the leaves should be broken down in the fall to give the little heads more room to grow.

LONG ISLAND IMPROVED (Special Stock)—Plant dwarf and compact, 20 inches tall; very uniform; stem well covered with firm round cabbage-like heads of 1¼ to 1½ inches in diameter, which mature in succession.

Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.75, lb. \$6.00.

Seeds of the late varieties may be sown in cold frames or in the open ground in April or May and transplanted in the fields in June and July. Seed of early varieties for late crop may be sown as late as June 10th and mature a good crop. Cabbage requires a well-fertilized soil to grow a successful crop; 12,000 plants will set an acre. Where the soil is infected with Cabbage "yellows," Yellow Resistant varieties should be planted.

COPENHAGEN MARKET—75 days. A very early round head cabbage. Plants compact with short stems and hard round heads. Used largely as an early shipper and for early kraut. Fine quality.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. \$1.00, lb. \$3.50.

BONANZA—86 days. A new outstanding shipping and market variety. The head is round, very firm, and uniform. Has the shortest core of any cabbage. Average 6½ inches in diameter and 4 pounds in weight. It forms a small firm head early in the season and continues to grow to maximum size, can be held in the field for a considerable time after maturity.

Postpaid—Pkt. 10c, oz. 60c, ¼ lb. \$2.00, lb. \$6.00.

MIDSEASON AND LATE VARIETIES

OAKVIEW BALLHEAD—100 days. A large sized, short stemmed, round head, firm and solid; heads weigh 7 to 8 pounds. Color gray-green, with creamy white center, of crisp texture and good quality. Desirable for winter storage and for kraut.

Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.50, lb. \$5.00.

DANISH BALLHEAD SHORT-STEM—105 days. One of the best winter sorts and one of the most hardy; heads round, deep or balloon shaped and very solid. Good for storage and shipping.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. \$1.00, lb. \$3.50.

FERRY'S HOLLANDER—105 days. One of the best varieties of late cabbage. Plants are short-stemmed, erect and compact, allowing closer planting than other late varieties. Heads become firm, when fairly small, reaching good marketable size in 100 days after setting in field, but continue to enlarge to full maturity in about 120 days.

Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.50, lb. \$5.00.

SHORT STEM HOLLANDER (Special)—120 days. The best late variety. Heads become firm while still rather small, reach good marketable size in 90 to 100 days. Plants medium small, allowing closer planting. Heads remarkably firm and solid and of splendid keeping quality.

Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.50, lb. \$5.00.

YELLOW RESISTANT VARIETIES

GOLDEN ACRE (Yellows Resistant)—60 days. Valuable new addition to the list of early round head varieties. Produces heads ready for market ten days earlier than Marion Market. Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.50, lb. \$5.00.



CABBAGE, GOLDEN ACRE

BADGER MARKET (Yellows Resistant)—70 days. Produces small solid dark green head, weighing about three pounds. Excellent for early market. Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.75, lb. \$6.50.

MARION MARKET (Yellows Resistant)—70 days. Selected from Copenhagen Market, but is later and has more blue-green foliage; heads larger, round and very compact; 95 to 100 per cent resistant. Postpaid—Pkt. 10c, oz. 40c, ¼ lb. \$1.25, lb. \$4.00.

WISCONSIN COPENHAGEN (Yellows Resistant)—70 days. A new yellows resistant Copenhagen that is early, very uniform short-stemmed with dark green foliage. It produces excellent 4 to 6 pound heads with good leaf overlap. Holds well without splitting. Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.50, lb. \$5.00.

IMPROVED GLOBE (Yellows Resistant)—75 days. Selected from Glory of Enkhuizen. A fine mid-season, round-head type, a few days later than Marion Market. Heads globe shaped, very compact, with small core. Heavy yielder, 95 to 100 per cent resistant. Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.50, lb. \$5.00.

WISCONSIN BALLHEAD (Yellows Resistant)—85 days. Selected from Danish Ballhead, identical in type and season. Round, solid, compact heads; short stem; blue foliage. Suitable for early fall shipping and when planted to mature late, suitable for storage. Heads smaller and more uniform than Wisconsin Hollander; will produce equal tonnage if planted closer. Very uniform in type and maturity, 97 to 100 per cent resistant. Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.50, lb. \$5.00.

WISCONSIN HOLLANDER No. 8 (Yellows Resistant)—90 to 100 days. Selected from Danish Ballhead. Not as uniform as the Wisconsin Ballhead. Heads round, slightly flattened across the top; color blue-green. A heavy yielder and ideal for storage and shipping. Highly resistant to the yellows. Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.50, lb. \$5.00.

RED HOLLANDER (Yellows Resistant)—100 days. A round-head, late red cabbage; very uniform; foliage purple-red, with heads becoming a deeper color with maturity. Heads solid and compact. Ideal late fall shipper and good for storage. Highly resistant to the yellows. Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.75, lb. \$6.50.

MISCELLANEOUS VARIETIES

PERFECTION DRUMHEAD SAVOY—90 days. The best of the Savoy type for general use; an excellent keeper. Heads nearly round, full and hard; leaves large, coarsely crimped, dark bluish green, of good quality. Postpaid—Pkt. 10c, oz. 40c, ¼ lb. \$1.25, lb. \$4.50.

MAMMOTH RED ROCK—110 days. The largest and best red cabbage. Heads round, extremely hard; color purplish red; excellent keeper. Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.50, lb. \$5.50.

RED ACRE—90 days. Heads round and compact, color deep purplish red. Good for storage; earlier than Red Rock. Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.75, lb. \$6.00.

CHINESE OR CELERY CABBAGE

CULTURE—Seeds sown out of doors late in July produce firm heads in October. The heads keep well in storage for at least two months.

MICHIHLI—75 days. A new improved strain, the plants are slightly larger and more uniform in growth. The heads are 18 to 24 inches long tapering from a 4 inch base. Very compact, white tinted with green, excellent quality. Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.25, lb. \$4.00.

IMPORTED CHIHILI—70 days. The imported Chihili is more vigorous, the leaves are dark green without the yellowish cast. The leaf margins are waved and the individual plants are very uniform, very sure heading and firm. Postpaid—Pkt. 10c, oz. 40c, ¼ lb. \$1.25, lb. \$4.00.

WONG BOK—Heads 8 to 10 inches tall, broad, firm, well blanched, tender and excellent quality.

Postpaid—Pkt. 10c, oz. 30c, ¼ lb. \$1.00, lb. \$3.00.

CHINESE
CABBAGE
WONG BOK**CAULIFLOWER**

CULTURE—One ounce will produce 2,000 plants. Four to 6 ounces of seed are required to produce enough plants to set an acre. Cauliflower delights in a rich, moist soil and in dry seasons should be abundantly watered, especially when heading.

EARLY SNOWBALL "A"—Super Snowball type. Plants of Medium height. Heads of good depth, solid, ivory white, and of fine quality. Early and very even in time of maturity. Postpaid—Pkt. 25c, ¼ oz. 50c, oz. \$2.00, ¼ lb. \$7.00, lb. \$22.50.

SNOWBALL "E"—An early maturing snowball; well adapted to a wide range of conditions, plants are of uniform type and habit. Have an abundance of long, erect leaves, giving good protection to heads. Heads are large, curds are of excellent quality, smooth, deep and white. Postpaid—Pkt. 25c, ¼ oz. 50c, oz. \$2.00, ¼ lb. \$6.00, lb. \$20.00.

WHITE MOUNTAIN OR SNOWDRIFT—A vigorous type of The Snowball class and selected to produce a larger head than Snowball without losing its earliness. The pure white heads are remarkable for their great depth, weight and unexcelled white color. Adapted for summer and early fall harvest and used in districts having a short growing season. Postpaid—Pkt. 25c, ¼ oz. 50c, oz. \$1.75, ¼ lb. \$5.50, lb. \$17.50.

SNOWBALL No. 34—A selection in the super-snowball. Mid-season. Heads of medium size, very solid and of a perfect texture, ivory-white, long-standing and fairly heat resisting. Postpaid—Pkt. 25c, ¼ oz. 50c, oz. \$2.00, ¼ lb. \$6.00, lb. \$20.00.

SNOWBALL No. 16—The best all-around midseason cauliflower. Heads firm, solid and very white, well protected by inner folding leaves; curd has fine texture and is free from small protruding leaves. Postpaid—Pkt. 25c, ¼ oz. 50c, oz. \$2.00, ¼ lb. \$6.00, lb. \$20.00.

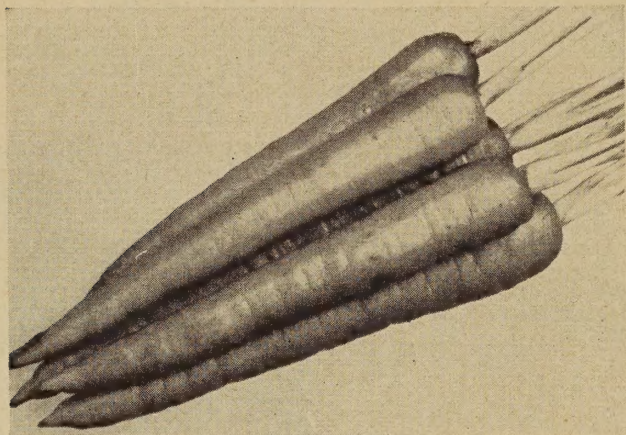


CAULIFLOWER, SNOWBALL

CARROTS

CULTURE—One ounce for 100 feet of drill, 4 pounds for an acre. The carrot, like other root crops, delights in a rich, sandy loam, well tilled. For early crops, sow in spring, as soon as the ground is in good working order, say April or May; for late

crops they may be sown at any time from the middle of June to July. Sow $\frac{1}{2}$ in. deep in rows 12 in. apart, thinning out to 3 in. between the plants. As carrot seed is slow to germinate, extra precautions must be taken to firm the seed in the soil.



IMPERATOR CARROT

DANVERS HALF LONG—75 days. Very productive and popular for home and market garden; much used for shipping. Roots bright deep orange, 6 to 7 inches long, tapered to a blunt end. Flesh bright orange, crisp and tender.
Postpaid—Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.

DANVERS HALF LONG (Special)—75 days. An improvement on the standard strain with roots 6 to 8 inches long. Roots tapered to a blunt end. Flesh bright orange, tender, and of good quality. Best variety for shipping.
Postpaid—Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 65c, lb. \$2.00.

DANVERS RED CORED—75 days. An improved and refined slightly longer Danver's with indistinct red core; especially desirable for market gardeners and shippers. Roots 7 to $7\frac{1}{2}$ inches long.
Postpaid—Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 65c, lb. \$2.00.

NANTES HALF LONG—70 days. Popular coreless carrot, very stump-rooted and with fine dark orange color throughout. Small top.
Postpaid—Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 65c, lb. \$2.25.

NANTES STRONG TOP STRAIN—70 days. This new coreless strain of Nantes has been especially bred for stronger tops so that they do not break off as easily when pulled for bunching. The tops are no larger but they are heavier at the crown, a distinct advantage for both market and home gardens. The roots are of the same fine texture as regular strain of Nantes.
Postpaid—Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 65c, lb. \$2.25.

CHANTENAY RED CORED—72 days. An improved Chantenay with good interior color, valuable for market gardeners and shippers. Roots of same size and shape as standard Chantenay; flesh reddish orange with indistinct core; tender and sweet.
Postpaid—Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

ASGROW AIRLINER—80 days. A short dark green top, strong enough for good bunching. Root $7\frac{1}{2}$ inches long, deep orange, tapering to blunt end, resembling a shorter, stouter Imperator.
Postpaid—Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25.

SUPREME HALF LONG—75 days. A new home and market garden variety. Resembles a small refined Danvers with short tops. Roots 6 to 7 inches long, about 2 inches in diameter at shoulder, tapering to a half stump. Exterior smooth and of excellent color. Core small and the same dark orange as the rest of the flesh.

Postpaid—Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

STREAMLINER—An ideal new bunching carrot for shippers and market gardeners. Tops short, rather sparse, dark green, and strong. Roots long, slender, nearly cylindrical; at maturity 8 to 10 inches long by $1\frac{1}{4}$ to $1\frac{1}{2}$ inches at shoulder; grow completely underground. Color very deep orange, cores small and uniformly red.

Postpaid—Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

IMPERATOR LONG TYPE—77 days. Same type as the regular Imperator but differs chiefly in length, root 10 inches long and a little more pointed.

Postpaid—Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25.

IMPERIDA—90 days. A new shipping type carrot, a cross between Imperator and Red Cored Chantenay. Tops are definitely shorter but stronger than Imperator, which is advantageous in marketing bunched carrots. Roots 8 inches long, $1\frac{1}{2}$ inches in diameter, flesh mild, sweet flavor, good texture, orange color.

Postpaid—Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25.

GOLD SPIKE—83 days. Developed from a select strain of long type Imperator. Leaves are more erect and about 4 inches shorter, the roots are smoother and more attractive, deep orange with insignificant core, average length 8 inches and about 1 inch in diameter. A superior shipping variety.

Postpaid—Pkt. 10c, oz. 40c, $\frac{1}{4}$ lb. \$1.25, lb. \$3.50.

OXHEART OR GUERANDE—72 days. Desirable for home use; prolific and a good keeper. Roots bright orange, thick, blunt ended, of heart shape. Flesh deep orange; small tops; easily harvested.

Postpaid—Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.



CARROTS, RED CORED CHANTENAY

CELERY

CULTURE—One ounce of seed will produce 15,000 plants. Golden Self-Blanching Seed should be sown in hot-beds about March 1st, covering the seed very lightly. Keep the seed-bed moist, giving it plenty of air. Keep the tops of the plants sheared off, which will cause them to grow stockier with better roots. Keep the soil well stirred between the rows and around the plants. A good rule is to plow or work the ground every time it is watered. Great care should be used in watering, or the ground will sour and cause the celery to blight or rust. Celery requires water often, but not a great deal at a time.



UTAH CELERY

GIANT PASCAL (Special Dwarf Strain)—Pascal celery is a very important crop with local celery growers and we have developed an excellent strain of this delicious vegetable. The plants are of dwarf stocky growth and do not develop soft stalks, nor seeders, and blanches easily to a rich creamy white. May be used as wrapped celery for early fall use or for trenching for winter use, a dozen stalks trimmed ready for market often weighing 10 to 15 pounds.

Postpaid—Pkt. 25c, oz. \$3.00, ¼ lb. \$9.00, lb. \$30.00.

GIANT PASCAL—135 days. The old standard green variety; tall, large dark green foliage, large full heart which bleaches to creamy white, has rich nutty flavor. A fine keeper for mid-winter use.

Postpaid—Pkt. 10c, oz. 75c, ¼ lb. \$2.50, lb. \$8.00.

SUMMER QUEEN—120 days. One of the most popular green varieties. Recommended for home and shipping. Plants of medium height, but with good length to the first joint. Blanches more readily than some of the other varieties of green celery. Stalks nearly round, smooth, brittle and of outstanding quality.

Postpaid—Pkt. 25c, oz. \$2.00, ¼ lb. \$7.00, lb. \$25.00.

UTAH No. 15—A strain of Utah of mid-season maturity. Plants are large—height 26 to 28 inches. Leaves are dark green deeply cut, moderately broad. Plants are erect, compact, full hearted. Edible stems usually 8 to 10 inches long, are numerous, of medium width, thick rounded and quite smooth, are crisp and of fine quality.

Postpaid—Pkt. 25c, oz. \$1.75, ¼ lb. \$6.00, lb. \$20.00.

UTAH 52-10-B—125 days. An outstanding strain of green celery that is slightly later than the regular Utah. Plants tall, 26 to 28 inches, leaves moderately large, medium deep green. Plants erect and compact with edible stems 8 to 10 inches long of uniform length, rounded, thick and of waxy appearance.

Postpaid—Pkt. 25c, oz. \$1.75, ¼ lb. \$6.00, lb. \$20.00.

When about ready to harvest, it may be blanched with either boards or dirt, boards being preferable in warm weather, and dirt in cool weather.

Giant Pascal seed should be sown from the 1st to the 15th of April in the hot-beds, same as the Golden Self-Blanching. Plants should be set in the field from June 10th to July 1st, in single rows, about 8 inches apart in the row, cultivating same as the Golden Self-Blanching. About October 10th or before freezing, it should be trenched and protected from freezing, when it will bleach and be ready for winter use.

UTAH 16-11—A recent development, replacing Utah 16 and extensively used for fall and winter harvest. Plants tall, with good heart development. Foliage dark green, stalks rounded, thick, and of good length. Quality holds well after reaching cutting stage. Has shown considerable tolerance to frost when mature.

Postpaid—Pkt. 25c, oz. \$1.75, ¼ lb. \$6.00, lb. \$20.00.

CORNELL No. 19—100 days. An early, easy blanching strain of outstanding quality, described as a cross between the Self-Blanching and the Utah, 10½-11 inches to joint with an overall length of 24 inches. Hearts long and comparatively full. Stems thick, rounded and of smooth texture. Combines the good qualities of the pascal type and is highly resistant to fusarium yellows.

Postpaid—Pkt. 25c, oz. \$2.00, ¼ lb. \$7.00, lb. \$25.00.

GOLDEN SELF BLANCHING (Tall Type)—110 days. An early and particularly valuable type for home and market garden. Plants are 26 to 28 inches tall, compact with firm thick stalks which blanch readily and are of splendid quality, edible stalks 8 to 8½ inches to first joint.

Postpaid—Pkt. 10c, oz. \$1.00, ¼ lb. \$3.50, lb. \$12.00.

NON-BOLTING GREEN No. 13—One of a new line of non-bolting green celeries. It is being used for a late storage celery in place of the Utah types. The ribs are thicker, store well, and the foliage shows no yellowish discoloration.

Postpaid—Pkt. 25c, oz. \$3.00, ¼ lb. \$9.00, lb. \$30.00.

CHICORY

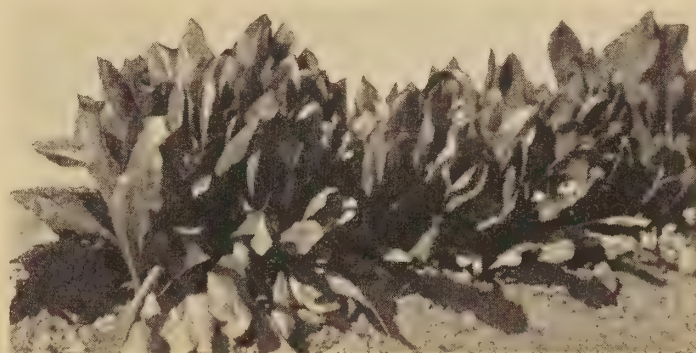
One ounce of seed to 200 foot row.

LARGE ROOTED OR COFFEE—The largest rooted variety.

Postpaid—Pkt. 10c, oz. 50c.

WITLOFF OR FRENCH ENDIVE—A superior strain with wider leaves, larger tips and stalks, roots thicker at the shoulder, shorter and smoother.

Postpaid—Pkt. 10c, oz. 50c.



CHICORY

SWEET CORN

CULTURE—Days indicated means average time required to produce roasting ears. One pound will plant 100 hills; 10 pounds an acre. Sweet corn should not be planted until the ground is warm and danger from frost is past. Corn thrives best in

warm, rich soil, and succeeds only when given frequent but shallow cultivation. For a continuous supply, begin planting as early as the season will permit, and plant every ten days or two weeks until July.

HYBRID SWEET CORN



CORN, MARCROSS

SENECA "60"—60 days. The earliest of all hybrids. Is outstanding in quality for such an early corn. The stalk is 4 to 4½ feet tall, ears 6 inches long, 8 to 10 rowed, kernels yellow, produces 2 to 3 ears per stalk.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 80c, 5 lbs. \$3.75, 10 lbs. \$7.00.

SENECA DAYBREAK—63 days. This combines the earliness of Seneca 60 with the plant and ear characters of later market hybrids. The ear is about 7 inches long with 12 rows of medium narrow yellow kernels. Tip fill is good and eating quality is excellent.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 80c, 5 lbs. \$3.75, 10 lbs. \$7.00.

SENECA DAWN—65 days. A large eared early maturing Sweet Corn. Excellent for market gardeners for early market. Ears 12 to 14 rowed, medium yellow with heavy husks giving good coverage to end of ear.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 80c, 5 lbs. \$3.75, 10 lbs. \$7.00.

SENECA GOLDEN HYBRID—75 days. A new hybrid that might be described as an early Golden Cross Bantam. Stalks 5½ feet tall, bearing two marketable ears on practically every stalk. A very good hybrid for high altitude and extra early growing. Kernels large, golden yellow and of best quality. Seed small; 6 to 8 lbs. will plant an acre.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 80c, 5 lbs. \$3.75, 10 lbs. \$7.00.

SENECA CHIEF—84 days. Ears are 8 to 8½ inches long, 12-14 rowed with deep narrow, exceptionally tender high quality kernels, holds in good eating condition longer than most other varieties.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 80c, 5 lbs. \$3.75, 10 lbs. \$7.00.

SPANCROSS No. 3—67 days. One of the best early hybrids, highly resistant to bacterial wilt. Well tipped small ears 6½ inches long, 10 to 12 rowed; kernels golden yellow, sweet and tender.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 5 lbs. \$3.00, 10 lbs. \$6.00.
Not Postpaid—10 lbs. \$5.50, 25 lbs. \$10.00, 100 lbs. \$38.00.

EARLY GOLDEN HYBRID 1.13—67 to 72 days. One of the better early hybrids developed from Maine and Connecticut inbreds. Ears 7 inch, deep yellow kernels, sweet and tender. Stalks 5½ to 6 ft. A popular large early sort for market gardeners and commercial growers.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 75c, 5 lbs. \$3.50, 10 lbs. \$6.50.
Not Postpaid—10 lbs. \$6.00, 25 lbs. \$12.50, 100 lbs. \$45.00.

GOLD RUSH—69 days. A first early yellow hybrid for early market with the strong hybrid vigor and productiveness to replace the open polinated first early yellow sorts. Ears 8½ inches long, 12 to 14 rowed, slightly tapered, well filled to tip, most attractive yellow, tight husk. Tender, sweet, of fine quality and flavor.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 75c, 5 lbs. \$3.50, 10 lbs. \$6.50.
Not Postpaid—10 lbs. \$6.00, 25 lbs. \$12.50, 100 lbs. \$45.00.

MARCROSS NORTHERN—70 days. A popular large eared early sort for market gardeners. Ears 6½ to 7 inches long, 14-16 rows of medium width, yellow deep kernels. Sweet and tender. Stalk, 5½ feet.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 70c, 5 lbs. \$3.25, 10 lbs. \$6.00.
Not Postpaid—10 lbs. \$5.50, 25 lbs. \$12.50, 100 lbs. \$38.00.

MARCROSS C6.13—72 days. An early market and home garden variety. Stalks short but sturdy, highly resistant to bacterial wilt. Ears long, plump, abruptly tapered at tips; 10-14 rowed ears 7 inches long, with light cream-yellow, medium broad kernels of good quality.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 70c, 5 lbs. \$3.25, 10 lbs. \$6.00.
Not Postpaid—10 lbs. \$5.50, 25 lbs. \$10.00, 100 lbs. \$38.00.

GOLDEN BEAUTY—71 days. Quite outstanding for its early vigor under cold conditions as well as having a very attractive ear, 7½ inches long, 10 to 12 rowed, flavor and quality better than Marcross.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 80c, 5 lbs. \$3.75, 10 lbs. \$7.00.

GOLDEN JEWEL—77 days. Produces an ear of good flavor, 8 inches long, 12 rowed very tender. Ears carried high on stalk and heavy yielder.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 80c, 5 lbs. \$3.75, 10 lbs. \$7.00.

IMPROVED CARMELCROSS—79 days. A second early variety for market, canning or home garden use. Vigorous and heavy yielding in comparison to its earliness. Medium sized, gently tapering ears 7 inches long, with 12-14 rows of yellow kernels.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 70c, 5 lbs. \$3.25, 10 lbs. \$6.00.
Not Postpaid—10 lbs. \$5.50, 25 lbs. \$10.00, 100 lbs. \$38.00.

BELGOLD—82 days. A new medium early type, ears 7½ to 8 inches long, 12-14 rowed, good flavor with bright attractive yellow kernels. Very tender and will hold its prime edible stage longer than most hybrids. Has longer husk coverage giving it a distinct advantage in holding down worm damage.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 80c, 5 lbs. \$3.75, 10 lbs. \$7.00.



CORN, CARMELCROSS

HYBRID SWEET CORN

IOANA—87 days. Ears average 8 to 9 inches in length with 12 to 14 rows of medium width, deep yellow kernels of excellent quality and flavor. Height of stalk 6 to 6½ feet. A new high yielding hybrid destined to be popular.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 60c, 5 lbs. \$2.75, 10 lbs. \$5.00.
Not Postpaid—10 lbs. \$4.50, 25 lbs. \$10.00, 100 lbs. \$38.00.

IOCHIEF—88 days. A new hybrid with exceptionally deep yellow kernels, excellent flavor and tender ears 9 to 10 inches long 16-18 rowed, stalk 6½ ft. tall, heavy, wind resistant and very few suckers. Highly desirable for home, market gardener or canner.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 60c, 5 lbs. \$2.75, 10 lbs. \$6.50.

GOLDEN CROSS BANTAM—88 days. The most widely adapted hybrid. Noted for great uniformity, heavy yield, resistance to bacterial wilt and for its flavor and quality.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 80c, 5 lbs. \$3.75, 10 lbs. \$5.00.
Not Postpaid—10 lbs. \$4.50, 25 lbs. \$10.00, 100 lbs. \$38.00.

IOSQUAW—89 days. Produces 8 inch ears, 18 to 20 rowed with white silk and medium taper, excellent depth of kernel, good flavor and tender.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 60c, 5 lbs. \$2.75, 10 lbs. \$6.50.

EVERGREEN HYBRID No. 14-13—86 days. This is a hybrid to take the place of regular Stowell's Evergreen. It is outstanding for its productiveness, drought resistance and uniform strong vigorous growth. Excellent for market, canning home garden and quick freeze pack. Ears 8½ inches long, 14 to 18 rowed, large white kernel of good depth and fine quality, well filled to the tip, stalk 8 feet.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 75c, 5 lbs. \$3.50, 10 lbs. \$6.50.
Not Postpaid—10 lbs. \$6.00, 25 lbs. \$12.50, 100 lbs. \$45.00.

OPEN POLINATED VARIETIES

SIXTY DAY GOLDEN—60 days. Earliest of the golden varieties with medium large ears with twelve rows of rather wide yellow kernels of very good quality. A good early market or garden corn. Height of stalks 5 feet.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 60c, 5 lbs. \$2.50.
Not Postpaid—10 lbs. \$3.00, 25 lbs. \$6.50, 100 lbs. \$24.00.

COUNTRY GENTLEMAN—93 days. A late prolific variety of excellent quality, used widely by canners; also desirable for home and market gardens. Stalks often with two ears. Kernels very deep, slender, sweet, with tender hull and set irregularly without row formation.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 60c, 5 lbs. \$2.50.
Not Postpaid—10 lbs. \$3.00, 25 lbs. \$5.50, 100 lbs. \$20.00.

STOWELL'S EVERGREEN—95 days. The best known late variety. Highly desirable for home and market garden. Stalks sturdy and erect; ears 2½ inches thick, uniform, tender. Holds well in prime condition at eating stage.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 60c, 5 lbs. \$2.50.
Not Postpaid—10 lbs. \$3.00, 25 lbs. \$5.50, 100 lbs. \$20.00.

EARLY EVERGREEN—90 days. One of the best known and widely used canning varieties, also desirable for market gardeners.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 60c, 5 lbs. \$2.50.
Not Postpaid—10 lbs. \$3.00, 25 lbs. \$5.50, 100 lbs. \$20.00.

GOLDEN BANTAM—83 days. Early variety of excellent quality for both market and home use. Stalks 4½ to 5 feet tall, very productive, commonly bearing two ears. Ears 6 to 7 inches long, 8 rowed, kernels rich golden yellow, very tender, sweet and of splendid flavor.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 60c, 5 lbs. \$2.50.
Not Postpaid—10 lbs. \$3.00, 25 lbs. \$5.50, 100 lbs. \$20.00.



GOLDEN CROSS BANTAM

IMPROVED GOLDEN BANTAM—84 days. A selection from the original strain of Golden Bantam resulting in a larger ear with more rows and greater productivity. Ears 10 to 14 rowed, uniform and attractive. Kernels golden yellow, medium wide, deep sweet and of fine flavor.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 60c, 5 lbs. \$2.50.
Not Postpaid—10 lbs. \$3.00, 25 lbs. \$5.50, 100 lbs. \$20.00.

BANTAM OR GOLDEN EVERGREEN—89 days. Developed through crossing Golden Bantam and Stowell's Evergreen. Ears 14 to 18 rowed. Kernels rich golden yellow, deep with tender hull, sweet, and of fine quality. An outstanding medium late variety.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 60c, 5 lbs. \$2.50.
Not Postpaid—10 lbs. \$3.00, 25 lbs. \$5.50, 100 lbs. \$20.00.

HYBRID POP CORN

CULTURE—Pop corn is raised the same as field corn. It should be allowed to get thoroughly ripe before cutting. Very easily raised and often proves a profitable crop. 5 to 6 pounds will plant an acre.

PURDUE No. 31 (South American type)—95 days. A prolific hybrid developed by the Purdue Experiment Station. Plant vigorous and stands well to maturity. Ears, usually at least two per stalk, with 14-16 rows of medium yellow kernels, high in quality and popping expansion.

Postpaid—¼ lb. 30c, lb. 85c, 5 lbs. \$4.00.
Not Postpaid—10 lbs. \$7.00, 25 lbs. \$16.25.

IOPOP No. 5 (Japanese Hulless type)—95 days. Particularly desirable for its high ration of popping volume and tender texture and pure white color after popping. Ears somewhat longer and more slender than the old type of Jap Hulless.

Postpaid—¼ lb. 30c, lb. 85c, 5 lbs. \$4.00.
Not Postpaid—10 lbs. \$7.00, 25 lbs. \$16.25.

MINHYBRID 250 WHITE HULLESS—It far surpasses the old Jap Hulless—records show a 16 per cent greater yield and a 29 per cent greater popping expansion. Minhybrid is the finest Pop Corn obtainable from the standpoint of quality, flavor and tenderness.

Postpaid—¼ lb. 30c, lb. 85c.

CUCUMBERS

CULTURE—One ounce of seed will plant 50 hills, 2 pounds an acre. Cucumbers succeed best in warm, moist, rich loamy soil. Plant as soon as danger from frost has passed. In hills about 4 feet apart each way.

SLICING VARIETIES

EVERBEARING—55 days. Small, very early variety. By keeping the fruits picked, it will continue to bear throughout the growing season.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$2.00.

STAYS GREEN (Black Diamond)—60 days. A handsome, early, medium sized, prolific variety used extensively for shipping. Fruits symmetrical, nearly square ended. Very dark green, holds color and firmness well when shipped long distances.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$2.00.

EARLY FORTUNE—63 days. Desirable for shipping and good for slicing. Fruits medium-deep green, slightly tapering. Flesh firm and crisp.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$2.00.

MARKETER—65 days. Medium size, very prolific, trim and of uniform size, tapering slightly to both ends, attractive dark green color.

Postpaid—Pkt. 10c, oz. 30c, ¼ lb. 75c, lb. \$2.50.

STRAIGHT-8—68 days. Desirable for home and market gardens and shipping. Fruit uniformly cylindrical; rounded at ends, medium green; quite free from light stripes. An attractive variety.

Postpaid—Pkt. 10c, oz. 30c, ¼ lb. 75c, lb. \$2.50.

COLORADO or A AND C—67 days. A very attractive variety, good for market gardens and for shipping. Fruit very dark green, cylindrical, round with small seed pocket. Unusually free from striping at blossom end.

Postpaid—Pkt. 10c, oz. 30c, ¼ lb. 75c, lb. \$2.50.

CUBIT—70 days. Bronze medal winner of 1944. A prolific, white spined variety distinguished by unusually uniform dark green exterior color and long blunt-ended cylindrical shape. The interior has smooth crisp texture with small seed area. Cubit is a main crop long slicing variety.

Postpaid—Pkt. 10c, oz. 30c, ¼ lb. 75c, lb. \$2.50.

HYBRID CUCUMBER

SENSATION—58 days. Fruits slender, blunt ends, 8 to 9 inches long, 2½ inches in diameter. Holds its dark green color well after picking. Flesh is crisp, white and unusually delicious. Small seed cavity.

Postpaid—Oz. \$3.00, ¼ lb. \$10.00, lb. \$35.00.

IMPROVED LONG GREEN—70 days. Standard late variety for home garden; excellent for slicing; hardy and prolific. Fruits deep green, straight, slightly tapered; flesh very white and crisp.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$2.00.

LONGFELLOW (Vaughan)—70 days. Desirable for home garden, and for shipping; also sometimes used for greenhouse forcing. Fruits dark green, uniform, straight and attractive.

Postpaid—Pkt. 10c, oz. 30c, ¼ lb. 75c, lb. \$2.50.

NIAGARA—70 days. This is the first slicing variety that is resistant to cucumber Mosaic. In comparative trials Niagara shows the same plant vigor and large leaf construction that you find in hybrids. The fruit is white spined, shaped like Cubit, being blunt on the blossom end. The cucumber varies from 7½ to 10 inches in length, being straight cylindrical, and of excellent dark green color, with small seed cavity.

Postpaid—Pkt. 10c, oz. 30c, ¼ lb. 75c, lb. \$2.50.

PICKLING VARIETIES

EARLY MINCU—53 days. Bears from 8 to 10 fruits within a foot of the hill. Cucumbers average 4½ inches long and 2 inches in diameter, suitable both for slicing and pickling. The skin is medium green, the flesh white and crisp. Mincu is very early and a heavy cropper.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$2.00.

EARLY CLUSTER—55 days. Very fine pickling sort. Very popular. Medium dark green, prolific, full at both ends.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$2.00.

NATIONAL PICKLING—54 days. Especially bred for pickling in the small sizes. Fruit straight, and blunt-ended, but not chunky. Deep green color. Makes firm, crisp pickles.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$2.00.

SNOW'S PERFECTION PICKLING—56 days. Extremely early and prolific. Fruit 5 inches long; dark green at pickling size, black spined, symmetrical, blunt ended.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$2.00.

EGGPLANT

CULTURE—One ounce will produce 1,000 to 2,000 plants. Seed is of slow germination and requires a moderate amount of heat. Should be started in hotbeds early in March and transplanted to four or six inches apart. Eggplants are very tender and will not stand frost.

BLACK BEAUTY—80 days. A prolific early variety. Medium sized plants, fruit deep purplish black, smooth, large blunt egg-shaped producing 4 to 6 per plant.

Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.75, lb. \$6.00.

NEW YORK IMPROVED—83 days. The fruits are large, round-oval, of a rich deep purple-black color and splendid quality. Spineless and a heavy producer.

Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.75, lb. \$6.00.

NEW HAMPSHIRE HYBRID—75 days. Fruits strictly oval in shape, 3½ by 4½ inches when mature, and of dark purple color.

Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.75, lb. \$6.00.



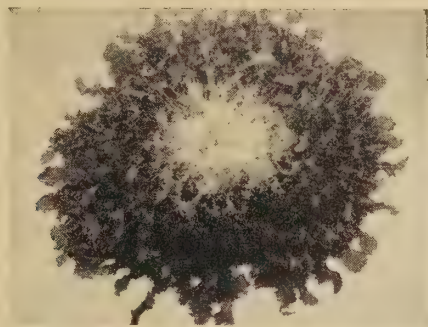
MARKETER



EGGPLANT, BLACK BEAUTY

ENDIVE

One ounce of seed sows 150 feet of drill.



BROAD-LEAVED BATAVIAN (Escarolle)—A decided improvement on the old broad-leaved Batavian. Leaves dark green. The plants are of a larger size and make a fuller heart, easily blanched without needing to be tied. This is a money-making crop.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.00.

PRESIDENT (Giant Green Curled)—95 days. Medium green, deeply cut and fringed leaves. Forms a large full heart of finest quality. When blanched the heads are delicate yellow in the heart and very attractive.

Postpaid Pkt. 10c, oz. 50c, ¼ lb. \$1.25, lb. \$4.00.

ALL HEART CABBAGING CURLED—90 days. Dark green, finely but deeply cut and fringed leaves, easily tied for blanching. Midribs light green.

Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.25, lb. \$4.00.

GREEN CURLED—Pink Ribbed—Leaves are dark green, finely curled with dense center growth, self blanching. Midribs have a pink tinge.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.00.



KOHL RABI

KOHL RABI

One ounce will seed 200 feet of row.

EARLY WHITE VIENNA—The leading variety, a very fancy strain of the short-leaved type. Best for forcing or in the open field.

Postpaid—Pkt. 10c, oz. 40c, ¼ lb. \$1.25, lb. \$4.00.

EARLY PURPLE VIENNA—A few days later in maturing, with leaves and bulbs of purple color. Otherwise similar to White Vienna.

Postpaid—Pkt. 10c, oz. 40c, ¼ lb. \$1.25, lb. \$4.00.

LEEK

Cultivate the same as onions.

LARGE AMERICAN FLAG—The most popular variety; grows to a good size, straight and uniform, and is of best quality.

Postpaid—Pkt. 10c, oz. 60c, ¼ lb. \$2.00, lb. \$6.00.

GIANT MUSSELBURG—The rich flavor of this extra large leek has made it popular. It is a very hardy sort with dark green fan-shaped leaves. The edible stems are 6 to 8 inches in length and about 3 inches in diameter.

Pkt. 10c, oz. 60c, ¼ lb. \$2.00, lb. \$6.00.

LETTUCE

CULTURE—One ounce will sow 150 feet or drill, two pounds an acre. Lettuce is a hardy plant and will stand a low degree of temperature; however, a moderate temperature is desirable during the growing period. Lettuce stands cold much better than heat, making it impossible to produce lettuce of good quality during the hot summer months. Hot weather causes the plants to go to seed instead of heading.

Lettuce requires considerable soil moisture; however, an excess of moisture may cause stem rot. A light, loamy soil, enriched with well-rotted manure, is best adapted for the successful growing of lettuce. If planted on poor soil the heads will be small and leaves tough. As soon as the ground can be successfully worked, sow in drills 15 to 20 inches apart, one-half to one inch deep. Thin the plants 8 to 15 inches apart in the row. Large headed varieties, like New York, thin to 15 inches in the row.

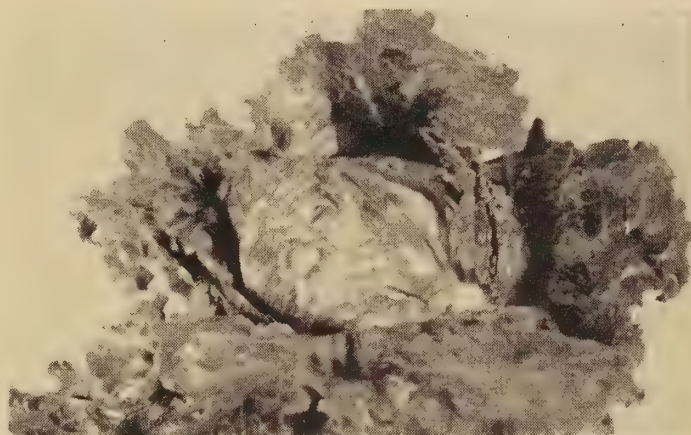
HEAD LETTUCE

PENN LAKE—83 days. Cross between Imperial 847 and Great Lakes. Heads medium size, uniform and dark green in color. Comparatively free from objectional ribbiness; interior crisp and firm.

Postpaid—Pkt. 25c, oz. 50c, ¼ lb. \$1.50, lb. \$5.00.

CORNELL No. 456—A new variety developed by the U.S.D.A. and Cornell Experiment Station. Matures hard, large heads in mid-summer and will not burn in the hottest weather. Leaves grass-green color, brittle foliage, prominent mid-ribs. Excellent market garden and shipping variety. Seed white.

Postpaid—Pkt. 25c, oz. 50c, ¼ lb. \$1.50, lb. \$5.00.



NEW YORK TYPE LETTUCE

NEW YORK No. 12—A widely used strain of New York, well adapted to mid-season maturity, as it stands heat well. Plant and head lighter green than New York, with fewer outer leaves, several days earlier; large, compact and attractive.

Postpaid—Pkt. 10c, oz. 35c, ¼ lb. \$1.00, lb. \$3.40.

NEW YORK No. 55—Introduced by Pieters-Wheeler. Probably the earliet maturing New York type. Good base, hard heading, crisp, of the highest quality with considerable resistance to tip-burn. Heads well in summer and early fall.

Postpaid—Pkt. 10c, oz. 35c, ¼ lb. \$1.00, lb. \$3.40.

LETTUCE—Continued



LETTUCE, GREAT LAKES

HEAD LETTUCE

GREAT LAKES—This is of the Imperial type which is so largely used by truck gardeners. What chiefly distinguishes Great Lakes from other varieties of the Imperial type is its increased resistance to tip-burn injury and greater ability to produce solid heads under adverse conditions.

Strain 428—75 to 80 days. Earlier and more uniform than original Great Lakes. Slightly smaller but equally resistant to heat and tip burn. Underside leaves are darker green. Excellent for spring, summer and fall cutting.

Postpaid—Pkt. 25c, oz. 50c, ¼ lb. \$1.50, lb. \$4.50.

Strain 407—90 to 100 days. This new strain has large, solid heads with deep green foliage—resists injury from heat and tip burn, stands up well under cold rainy conditions.

Postpaid—Pkt. 25c, oz. 50c, ¼ lb. \$1.50, lb. \$4.50.

Strain 659—(Original Strain)—100 to 110 days. Produces large solid heads even under adverse conditions, resistant to tip burn. Tender, sweet quality, very sure heading.

Postpaid—Pkt. 25c, oz. 50c, ¼ lb. \$1.50, lb. \$4.50.

Strain R-200—85 days. Very sure heading, matures very uniformly, heads smaller and leaves not as coarse as Original Great Lakes. Tip burn resistant, dark green and excellent shipper.

Postpaid—Pkt. 25c, oz. 50c, ¼ lb. \$1.50, lb. \$5.00.

Strain A-36—80 to 90 days. A medium early strain of Great Lakes. Plants are very large, vigorous, dark green. Heads are large, firm, well folded with crisp brittle texture. Resistant to tip-burn and warm weather. Ships well.

Postpaid—Pkt. 25c, oz. 50c, ¼ lb. \$1.50, lb. \$4.50.

Premier—This traces back to a single individual plant selected for earliness, smoothness, lack of ribbiness and uniformity of heading. It is 7 to 10 days earlier than regular Great Lakes.

Postpaid—Pkt. 25c, oz. 50c, ¼ lb. \$1.50, lb. \$4.50.

PROGRESS—80 days. A new variety developed by the U. S. Department of Agriculture. A selection out of Imperial 44. Head is medium size, compact, early, leaves medium green, thick, heavily savoyed with edges more cut and waved than Imperial 44. Tip burn resistant.

Postpaid—Pkt. 25c, Oz. 50c, ¼ lb. \$1.25, lb. \$4.00.



SALAD BOWL LEAF LETTUCE

COS or ROMAINE (Dark Green)—Large size, dark green, compact head, well blanching. For home and market, and well adapted for greenhouse use.

Postpaid—Pkt. 10c, oz. 35c, ¼ lb. \$1.00, lb. \$3.40.

PARRIS ISLAND COS (Mosaic Resistant)—Very similar to Dark Green Cos, but leaves lighter green. For use in areas where mosaic prevents the production of good heads.

Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.50, lb. \$4.50.

BIBB—57 days. Produces a small head which is usually served individually as a salad. The leaves are thick, dark green, slightly tinged and spotted with brown, and rather loosely folded.

Postpaid—Pkt. 10c, oz. 35c, ¼ lb. \$1.00, lb. \$3.40.

LEAF LETTUCE

EARLY CURLED SIMPSON or SILECIA—A fine home garden sort, light green frilled leaves.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 75c, lb. \$2.10.

BLACK SEEDED SIMPSON—An early loose leaved type, with yellowish-green frilled leaves.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 75c, lb. \$2.10.

GRAND RAPIDS—One of the most popular sorts for forcing or out-of-doors use. Plants compact with light green frilled leaves. We offer two strains.

Washington Strain—Forcing variety for greenhouse use.

Tip Burn Resistant Strain—Used for growing under glass where tip burn is visible.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.35.

PRIZEHEAD—An early, non-heading sort, leaves dark green edged with brown and highly frilled.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.35.

SALAD BOWL—A loose leaf variety, fast grower and slow to bolt. Leaves are short and closely set, waved and notched, hold their quality, tenderness and fine texture over a long period. A head fills a salad bowl with perfect rosette of rich green and very decorative leaves.

Postpaid—Pkt. 15c, oz. 50c, ¼ lb. \$1.25, lb. \$4.50.

MUSKMELON OR CANTALOUPE

CULTURE—One ounce of seed is sufficient for 50 hills; 2 pounds per acre. Plant in May and June. Melons do best in sandy soil or sod land; the ground should be made rich. The hills should be 4 to 6 feet apart with 10 to 12 seeds in each hill. Put the seeds an inch deep and when danger of frost is over, thin to four good plants to a hill. Cultivation should be kept up as long as possible.

HALE'S BEST, JUMBO—82 days. A large fruited strain of this well-known variety for local markets. Fruits slightly oval, ribbing prominent, heavily netted. Flesh thick, salmon-orange, sweet and of excellent quality; seed pocket rather large.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.25.

HALE'S BEST 36—87 days. An early variety with medium vines, vigorous and healthy. Melons oval in shape, running to jumbo sizes. Well netted; flesh pink, sweet and thick. A heavy yielder.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.25.

HALE'S BEST No. 45—86 days. Mildew resistant. An early variety developed particularly for the shipping trade. The No. 45 is a true Hale's Best. Oval shape, medium size, with heavy net and a faint stripe. Flesh is deep salmon, thick, and firm with small seed cavity. Recommended to plant where mildew is prevalent.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.25.

IMPERIAL 4-50—This melon was introduced to be used in place of No. 45 in areas where the No. 45 did not produce a large sized melon. The No. 4-50 retains all the characteristics of the No. 45 except it is 1/5 larger in size.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.25.

V-1 (Sulphur Resistant Cantaloupe)—95 days. This melon was developed for use in mildew infested districts. The V-1 is not mildew resistant but it will withstand sulphuring, which will in turn prevent mildew. The V-1 is a medium to large cantaloupe, slightly oblong in shape, with faint stripes, and a close net, the flesh is salmon in color, thick and fairly firm. The application of sulphur to prevent mildew should begin after the true leaves appear; for complete control of mildew a light coating of sulphur should be on the leaves at all times.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.25.

QUEEN OF COLORADO—90 days. A development from Pride of Wisconsin. The melon is rather large with faint ribs and heavy, coarse net. The outside color is pearly grey turning golden when ripe. Flesh thick, deep orange in color. Excellent eating qualities. Good for home and local markets.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.25.

PRIDE OF WISCONSIN—90 days. A most attractive fruit both on outside and when cut. The rind is very hard, pearly grey color with but a faint rib, heavily covered with a distinctive netting. Fruit practically round, pink fleshed, usually thick with good flavor, small triangular seed cavity. Good for both home use and shipping.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.25.

SCHOON'S HARDSHELL—90 days. Noted for its hard rind which makes it better adapted for shipping and market. Exterior color grayish yellow netting rather open. Melons average 7 inches in length, almost round, flesh salmon-pink.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.25.

U.S.D.A. No. 5—Mildew Resistant—85 days. Totally resistant to all kinds of mildew. Adapted for long distance shipping, for crating and for home garden. When cut the flesh is extraordinarily thick, a brilliant orange and unexcelled for sweetness. Same size and shape as Hale's Best.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.25.

EARLY BENDER'S—87 days. A large size melon weighing 7 to 8 lbs. Round shaped, deeply ribbed with coarse netting. Flesh very thick and sweet. An excellent home garden and shipping variety, growing well in all sections.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.25.

HEARTS OF GOLD—88 days. Grown extensively by market gardeners, likewise a good shipping type. Fruits practically round, slightly ribbed, covered with fine grey netting. Flesh very thick, deep pink salmon; tender, juicy, sweet and aromatic.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.25.

ROCKY FORD—95 days. Also known as Netted Gem. Fruits oval, show no ribbing and are entirely covered with a uniform netting. Flesh green and of excellent flavor.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.25.

GOLDEN BEAUTY CASABA—115 days. One of the best of the autumn Casabas. Easily grown, very prolific. The fruits are easily handled, being firm and heavy; ripens early in September and fruits can be kept until into December.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.25.

MILWAUKEE MARKET—85 days. Fruits nearly round, about 6 lbs., with prominent ribs and sparse, coarse netting; color light green. Flesh thick with small seed cavity.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.25.

BANANA—94 days. Resembles a banana in shape. Fruits smooth and slender, flesh pronounced salmon, of banana-like flavor.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.25.

PERSIAN—115 days. While not properly a Casaba the Persian is of tropical origin. It is of dark color and completely covered with a fine netting. Fruits globular, weight about 7 lbs.; the flesh is extremely thick, of excellent flavor and orange in color.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.25.

HONEY DEW (Green Fleshed)—105 days. A medium sized round melon of a dull creamy white color, flesh green, quite distinct and very delicious flavor. The rind is tough without netting, and ships well to distant markets.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.25.

HONEY DEW (Pink Fleshed)—105 days. In outward appearance like the Honey Dew, but has salmon colored flesh and a delicious flavor.

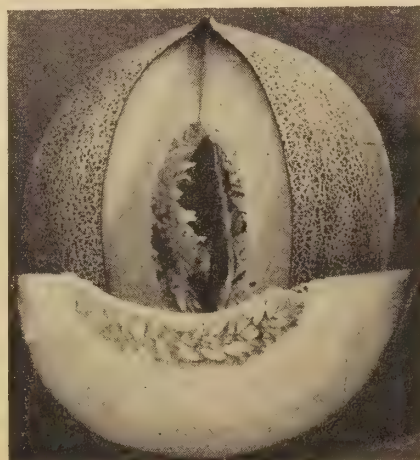
Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.25.

HONEY DEW GOLD RIND (Green Fleshed)—100 days. A true green flesh Honey Dew except when about two-thirds grown the outside coloring turns to an attractive golden shade. It withstands heat in that fruits do not show sunburn, because of the color. It has good flavor, a thick flesh and carries well in shipping.

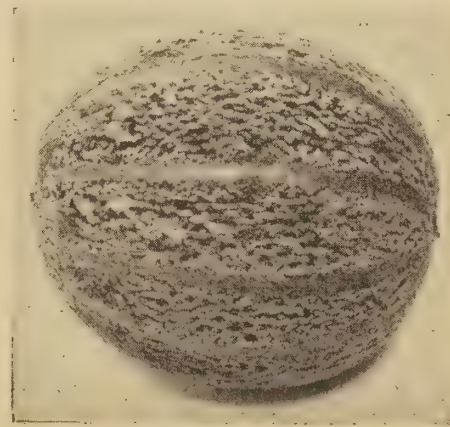
Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.25.



MELON, HALE'S BEST NO. 36



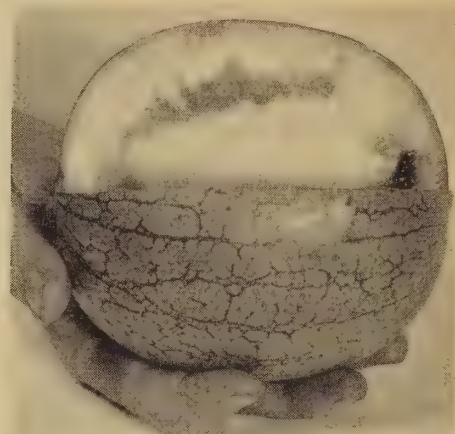
PERSIAN MELON



MELON, ROCKY FORD



STRIPED KLONDIKE WATERMELON



NEW HAMPSHIRE MIDGET

WATERMELONS

CULTURE—The same as for Muskmelons, except that they should be planted from 8 to 10 feet apart. One ounce for 30 hills and 3 to 4 pounds to the acre.

ANGELINO—90 days. Brilliant red flesh with black seeds, rind is a solid black-green, quite thin but quite strong, and withstands shipping shorts. Size 10 x 11 inches, weight 20 lbs.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$1.60.

WICHITA RED or EARLY KANSAS—82 days. One of the finest introductions in recent years; very popular in the Middle West. It is a melon of large size, alternate stripes of light and dark green, oblong in shape, with deep red flesh and brown seeds.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.35.

DIXIE QUEEN—85 days. A very prolific, shipping type of mid-season maturity. Fruits oval-round, light green with dark green stripes; rind thin but tough. Flesh bright red, crisp, of splendid quality, quite free from fibre.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$1.60.

BLACK SEEDED CHILIAN—85 days. A splendid melon for home and market gardeners. Fruits medium large, averaging about 18 pounds. Nearly round shape with thick dark green, tough rind, making it a good shipper. The bright red flesh is crisp, fine grained and very sweet.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.35.

KLONDIKE—80 days. A melon of good quality. Exceptionally sweet and fine flavor. Flesh is deep red and brittle, fruit oblong. A very good yielder, fairly early, and has given satisfaction for the market and home garden.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$1.60.

KLONDIKE No. 3—80 days. Small black seeded with dark green rind, seeds small and very few. Flesh is sparkling scarlet with the highest sugar content of any melons. Fruits average about 25 lbs.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$1.60.

STRIPED KLONDIKE—80 days. An early garden and shipping variety similar to regular Klondike but with irregular dark green stripes. Fruits oblong, of medium size, rind medium hard. Flesh deepest red known to watermelon; sweet and crisp.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$1.60.

PEACOCK KLONDIKE—80 days. Very similar to the regular Klondikes, but particularly developed for a stronger, tougher rind so as to minimize losses in shipping.

Postpaid—Pkt. 10c, ¼ lb. 60c, lb. \$1.60.

BABY KLONDIKE—80 days. A truly wonderful market melon, small with crisp delicious flesh, maturing to a weight of 15 lbs.

Postpaid—Pkt. 10c, ¼ lb. 60c, lb. \$1.60.

KLONDIKE No. R7 (Wilt Resistant)—85 days. This is the first strain of the Klondike to be released showing a high resistance to wilt. This melon seems fully as desirable as the other Klondikes for both edible quality and shipping.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$1.60.

IMP. KLECKLEY'S SWEETS or WONDERMELON—88 days. A large oblong melon with a thin dark rind and showing faint tracings or indentations running the length of the melon. Flesh deep scarlet-red; solid heart; is a favorite shipper.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.35.

IMP. KLECKLEY'S No. 6 (Wilt Resistant)—88 days. A certified wilt resistant strain of the popular Imp. Kleckley's Sweet, developed in Iowa and grown under supervision of the Iowa State Agricultural College. Quality is superior to the regular strain of Kleckley's.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$1.60.

OKLAHOMA CHIEF or BLACK DIAMOND—88 days. A large, round melon with a black-green shiny glossy rind. The rind is very thin and tough so the melons can be hauled long distances without damage. The flesh is blood red, tender and very sweet, melons average about 40 lbs. They are hardy and drought resistant.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$1.60.

GEORGIA RATTLESNAKE—92 days. A long, fairly large melon with light green color, irregularly mottled, with dark green stripes. The rind is quite thick, the flesh pink in color.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.35.

IRISH GRAY—95 days. A large, long, main crop variety with a distinctive gray-green skin; shell very tough and hard, making a fine shipper; flesh very firm, crisp and sweet.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.35.

TOM WATSON—95 days. Probably the best shipping melon and one of the best main crop sorts; grows to a very large size. Fruit large and long in shape, colored a medium green with a light tracing of a darker shade; flesh rich red and of good quality, seeds brown.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.35.

KING AND QUEEN (Winter Watermelon)—100 days. A Russian variety of fair size, round in shape; rind light cream with faint, irregular light green striping; early, prolific and excellent in quality; seeds small, black.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$1.60.

NEW HAMPSHIRE MIDGET—Gold Medal Award Winner for 1951. Ideal for the small family garden and especially valuable in northern sections as it matures extremely early. Fruits 7 to 8 inches long and weighing about 6 pounds. The rind is very thin, with strawberry-red flesh that is crisp and juicy with extra high sugar content. Easy to grow and requires very little space.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.50.

MUSTARD

CULTURE—One ounce of seed will sow 100 feet of drill.

FORDHOOK FANCY—A handsome, vigorous growing, mild variety, standing a long time before going to seed; leaves bright green, intensely curled and fringed on the edges; fine for salads and garnishings; seed reddish-brown.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 40c, lb. \$1.25.

SOUTHERN GIANT CURLED (Long-Standing)—This strain of Southern Giant Curled Mustard is much superior to the old type, as it will stand a considerable time longer before going to seed.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 40c, lb. \$1.25.

FLORIDA BROAD LEAF—33 days. Vigorous, large leaf variety that grows fast but stands longer than most varieties before going to seed. The leaves are large, yellowish-green in color; nearly smooth without fringing. The mid-rib is a lighter shade of green.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 40c, lb. \$1.25.

MUSTARD SPINACH

TENDERGREEN—28 days. A very pleasingly flavored green. Leaves oblong, thick, fairly smooth dark green with lighter green ribs, resistant to heat and drought; combines the flavor of both Mustard and Spinach.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 40c, lb. \$1.25.

MUSHROOM SPAWN

Cultural instructions for growing mushrooms given free to every purchaser of spawn.

LAMBERT'S PURE CULTURE—This spawn is specially prepared for us and produces results where the average spawn proves a failure. It is a strong strain of spawn thoroughly acclimated and selected with reference to earliness, size, flavor, appearance, prolificacy and quality of the mushrooms that it will produce. We highly recommend this spawn for those who intend to raise mushrooms for the market.

2 bricks \$1.00, 5 bricks \$2.00, postpaid.

OKRA

CULTURE—One ounce of seed will sow 40 feet of drill. Very wholesome. The pods, when young, make fine soup and are also used in mixed vegetable soups. Plant seed after the ground is warm and dry, in hills 3 feet apart, thinning the young plants to 1 foot apart. Make early and late sowing to secure a supply throughout the season. Easy to grow in any good garden soil. Popular in the South.

DWARF GREEN LONG-POD—An early, dwarf growing, sturdy variety producing an abundance of long, fluted, dark green 8-inch pointed pods. One of the best for canning.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 35c, lb. \$1.00.

ONIONS

CULTURE—One ounce of seed is sufficient for 100 feet of drill, 4 pounds for one acre. Onion seed should be sown as early in the spring as possible to get the ground in shape, even though the weather is cold. Thorough preparation of the soil is one of the most essential points in successful onion growing. They delight in a rich, deep sandy loam, but excellent yields can be obtained from heavier soils properly fertilized. Sow the seed in rows 12 to 14 inches apart and about ½ inch deep. After they are well started, or about 3 to 4 inches high, thin out to stand about 2 inches apart, keeping them well hoed and free from weeds at all times throughout the season.

HYBRID ONIONS

BRIGHAM YELLOW GLOBE F-1 HYBRID—This strain is bred for its fine keeping qualities. Bulbs deep globe shape, skin thick, dark orange yellow. Large yields.

Postpaid—Oz. \$1.00, ¼ lb. \$3.00, lb. \$9.00.

AUTUMN BRONZE F-1 HYBRID—Bulbs medium sized, flattened globe in shape, skin very thick, deep yellow brown, firm white flesh. An excellent keeper, matures about 10 days earlier than other varieties.

Postpaid—Oz. \$1.00, ¼ lb. \$3.00, lb. \$9.00.

AUTUMN SPICE—A good storage hybrid, late midseason maturity, with medium sized, round bulbs. Deep brown skins, hard bulbs with creamy white flesh. Has a wide range of adaptability and good keeper in the hybrid list.

Postpaid—Oz. \$1.00, ¼ lb. \$3.00, lb. \$9.00.

MAGNIFICO—A Spanish onion hybrid, producing large, globular bulbs with light yellowish brown skin. Has uniformity and a high yield of onions with firm flesh, nearly white. Mild flavor. Not a storage onion.

Postpaid—Oz. \$1.00, ¼ lb. \$3.00, lb. \$9.00.

YELLOW VARIETIES

YELLOW SWEET SPANISH No. 6 (Special Strain)—Developed by Prof. A. M. Binkley of the Colorado Experiment Station. Bulbs large, perfect globe shape, small neck curves down excellently, with heavy protecting deep yellowish-brown skin. Flesh white; fine grained; mild, pleasing flavor.

Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.50, lb. \$5.00.

YELLOW SWEET SPANISH (Utah Strain)—Well-known strain of Sweet Spanish. Very productive. Bulbs large yellow globe shaped, small neck which curves down well. Flesh white; fine grained; of mild flavor and a good keeper.

Postpaid—Pkt. 10c, oz. 40c, ¼ lb. \$1.40, lb. \$4.50.

YELLOW SWEET SPANISH (Jumbo Strain)—112 days. The largest of the yellow Sweet Spanish Strains. Bulbs globular, deep straw colored, flesh clear white, firm and mild.

Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.60, lb. \$5.50.

YELLOW SWEET SPANISH (Michigan Strain)—110 days. Developed for late fall markets and storage. Slightly smaller and darker than regular Sweet Spanish. Bulbs globe to flattened shape, deep brownish yellow with yellow-green tops.

Postpaid—Pkt. 10c, oz. 40c, ¼ lb. \$1.40, lb. \$4.50.

EARLY BABOSA or GRANO—An early relatively non-bolting variety, bulbs top-shaped, medium large with straw-colored skin, flesh white, mild and of excellent flavor. Highly desirable for early market.

Postpaid—Pkt. 10c, oz. 40c, ¼ lb. \$1.40, lb. \$4.50.

YELLOW GLOBE DANVERS—One of the best and most extensively grown yellow onions. Bulbs are uniformly globe-shaped, small neck and enormous yield, and fine keeper.

Postpaid—Pkt. 10c, oz. 40c, ¼ lb. \$1.25, lb. \$4.00.

EBENEZER or JAPANESE—An excellent variety for producing sets of exceptional keeping quality. Bulbs deep-flat, of medium size; dark yellow, very firm, with thick skin.

Postpaid—Pkt. 10c, oz. 40c, ¼ lb. \$1.25, lb. \$4.00.



ONION, YELLOW SWEET SPANISH

EXCEL (Bermuda No. 986)—83 days. Excel is a heavy-yielding variety of the Bermuda type developed by the U. S. Department of Agriculture. Earlier than other Bermuda varieties and more resistant to splitting and bolting. Uniformly thick, flat, with small tops and necks.

Postpaid—Pkt. 10c, oz. 40c, ¼ lb. \$1.40, lb. \$4.50.

MOUNTAIN DANVERS—This variety is semi-round. It is one of the very earliest and seems to ripen practically all the crop at once. Color is a beautiful dark yellow, shading to brown. The skin is thick and heavy, which makes it a good keeping and shipping sort.

Postpaid—Pkt. 10c, oz. 40c, ¼ lb. \$1.25, lb. \$4.00.

ONIONS—WHITE VARIETIES

CRYSTAL WHITE WAX (Bermuda)—Waxy-white, very flat, medium early Bermuda type, with mild flavor.

Postpaid—Pkt. 10c, oz. 40c, ¼ lb. \$1.25, lb. \$4.50.

WHITE SWEET SPANISH (Jumbo Strain)—Similar to the famous White Sweet Spanish in flavor, uniformity and mildness, but produces a larger onion and greater yield per acre than regular strain.

Postpaid—Pkt. 10c, oz. 60c, ¼ lb. \$2.00, lb. \$6.50.

WHITE SWEET SPANISH—The pure white flesh of this onion is fine-grained and exceptionally sweet. It is a splendid sort to use in salads or other ways without cooking. A very good keeper for so early and large variety, and is excellent for either the home or market garden.

Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.75, lb. \$6.00.

WHITE BABOSA or GRANO—The White Grano is just becoming known, developed by the New Mexico Experiment Station for an early shipping sort to fulfill the demand for a more productive and better shipping sort to replace Crystal Wax, bulbs are top shaped, white skinned, mild and sweetly flavored firm flesh, bulbs will grow large like Yellow Grano.

Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.75, lb. \$6.00.

MAMMOTH SILVER KING—Very large white, flat onion, used principally for bunching while green. Seed sown in the spring will make boiling onions in July and August.

Postpaid—Pkt. 10c, oz. 40c, ¼ lb. \$1.25, lb. \$4.50.

SOUTHPORT WHITE GLOBE—Beautiful silvery white, perfectly globe shaped, uniform in size, Flesh firm, fine-grained, solid and of pleasant flavor. Very small neck.

Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.50, lb. \$5.00.

WHITE PORTUGAL or SILVERSKIN—A fine silvery-white flattened bulb that keeps well; useful for pickling, bunching, and the standard for white sets. Medium sized, with mild flavor, and earlier than Southport White Globe.

Postpaid—Pkt. 10c, oz. 40c, ¼ lb. \$1.25, lb. \$4.50.

WHITE BARLETTA (Pickling)—The best small white onion for pickling. Our seed is the real Barletta onion, producing very small round, white onions that mature early. Sow at the rate of 40 pounds per acre.

Postpaid—Pkt. 10c, oz. 40c, ¼ lb. \$1.25, lb. \$4.00.

EVERGREEN BUNCHING—60 days. A home and market variety for young or bunching onions. Produces a cluster of 4 to 6 useful shoots from a single seed. Used only for green onions.

Postpaid—Pkt. 10c, oz. 40c, ¼ lb. \$1.25, lb. \$4.00.

BELTSVILLE BUNCHING—A white skinned, white fleshed, hardy, basal multiplying vigorous perennial bunching onion. This variety can be seeded in the late spring or early summer to be used for scallions. Late in the season the plants produce a slight basal enlargement for use as shanks. The following season the plants produce very desirable scallions.

Crop Failure.

WHITE LISBON—Grown exclusively as an early bunching onion, stems white.

Postpaid—Pkt. 10c, oz. 40c, ¼ lb. \$1.25, lb. \$4.00.

WHITE SWEET SPANISH BUNCHING—A slow bolting bunching variety used exclusively for green bunching, necks thick, skin clear white, flesh sweet.

Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.60, lb. \$5.50.

ONION SETS

CULTURE—One quart will plant 20 feet of row; 12 to 15 bushels an acre. Soil requirements the same as for onion seed. Place the onion sets 3 to 4 inches apart, according to size, 3 inches deep, in rows 1 foot apart. Furrow out the soil with a hoe, set the onions in this furrow right side up, and cover with a garden rake.

	Qt.	3 Qts.
Yellow Bottom Sets.....	\$0.60	\$1.50
White Bottom Sets.....	.60	1.50

By Parcel Post, postpaid

PARSLEY

One ounce of seed will plant 150 feet of drill; 3 pounds an acre.

PERFECTION — An excellent vigorous parsley with finely curled leaves. The color is deep emerald green and most attractive. Rapid grower with upright plants.

PLAIN or ITALIAN (Dark Green)—The leaves of this variety are flat, deeply cut but not curled. Very desirable for flavoring.



PARSLEY

DARK GREEN DOUBLE CURLED—Leaves very dark green, finely cut and deeply curled, upright growth.

Above, prices postpaid: Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.50.

PARSNIPS

One ounce of seed will plant 200 feet of drill; 3 pounds to the acre.

IDEAL or MODEL—The roots are of medium length, very smooth, pure white without small roots or prongs. Very attractive for the home garden and more salable in the market. Of excellent quality.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 50c, lb. \$1.25.

GUERNSEY HOLLOW CROWN—Roots half long, smooth, thick-shouldered, of sugary flavor. One of the best.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 50c, lb. \$1.25.

ALL AMERICAN—A new and very good variety. The roots are large and broad-shouldered, of medium length, fine texture, white color with small core, free from side roots.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 50c, lb. \$1.25.



HOLLOW CROWN PARSNIP

PEAS

CULTURE—One pound will plant 50 feet of drill; 90 to 120 pounds for an acre. Peas do best in a light, rich loamy soil that has been liberally manured the previous season. Plant the smooth varieties as early as the ground can be worked. The wrinkled peas are not so hardy as the smooth kinds, and should be planted later; they are, however, sweeter and better flavored.

ALASKA—60 days. The earliest of all smooth blue peas. Pods 3 inches in length. Vines 30 inches tall; very uniform in maturing the crop. Seeds small, round, smooth, bluish-green. Used for canning and early market.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 60c, 5 lbs. \$2.25, 10 lbs. \$3.75.
Not Postpaid—10 lbs. \$3.00, 25 lbs. \$4.50, 100 lbs. \$16.00.



PEAS, THOMAS LAXTON

THOMAS LAXTON—62 days. Excellent for home and market gardens and for shipping, canning, and freezing. Plants deep green and medium heavy. Pods, single rich deep green, plump, broad, blunt; contains 7-8 large, tender peas of splendid quality.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 5 lbs. \$2.75, 10 lbs. \$4.50.
Not Postpaid—10 lbs. \$3.50, 25 lbs. \$6.50, 100 lbs. \$22.00.

LITTLE MARVEL—62 days. Vines about 12 to 15 inches tall. Pods dark green, 3 inches long, round with square ends, and often contains seven rich, dark green peas.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 5 lbs. \$2.75, 10 lbs. \$4.50.
Not Postpaid—10 lbs. \$3.50, 25 lbs. \$6.00, 100 lbs. \$20.00.

LAXTON'S PROGRESS—62 days. The largest podded and most attractive of the Laxtonian family. Popular for shipping to distant markets. Vines medium dark green. Pods single, dark green, somewhat curved, pointed, contains 7 to 9 large peas of good quality.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 5 lbs. \$2.75, 10 lbs. \$4.50.
Not Postpaid—10 lbs. \$3.50, 25 lbs. \$6.50, 100 lbs. \$22.00.

EARLY GIANT—65 days. A giant podded early variety, vines 22 inches tall, dark and heavy. Pods are 4½ to 5 inches long, dark green and pointed.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 5 lbs. \$2.75, 10 lbs. \$4.50.
Not Postpaid—10 lbs. \$3.50, 25 lbs. \$6.50, 100 lbs. \$22.00.

FREEZONIAN—63 days. Wilt resistant. Excellent freezing variety. Vines are vigorous, 2½ ft. Pods are dark green, 3½ inches long, well filled with 6 to 8 large, tender peas.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$3.50, 25 lbs. \$6.50, 100 lbs. \$22.00.

WANDO—70 days. A heat resistant variety. Vines 24 inches, dark green. Pods 3½ inches long containing 8 peas per pod. Small size, excellent for freezing.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 5 lbs. \$4.50.
Not Postpaid—10 lbs. \$3.50, 25 lbs. \$6.50, 100 lbs. \$22.00.

For a succession, plant every two weeks—until June 1st, then discontinue until August 1st, when the extra early varieties may be planted for a fall crop. When grown for market, peas are rarely staked; in small gardens grow in double rows, 12 inches apart, and stake with brush. They should be kept clean and the earth worked toward them two or three times during growth.

VICTORY FREEZER—73 days. Pods 3½ inches long, contains 6 to 7 berries, dark green in color, vines 30 inches. Best suited for quick freezing.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 5 lbs. \$2.75.
Not Postpaid—10 lbs. \$3.50, 25 lbs. \$6.50, 100 lbs. \$22.00.

No. 95 or ICER—80 days. Vine 20 inches high, coarse and dark green. Length of pod 4½ to 5 inches, dark green and pointed. Excellent for shipping.

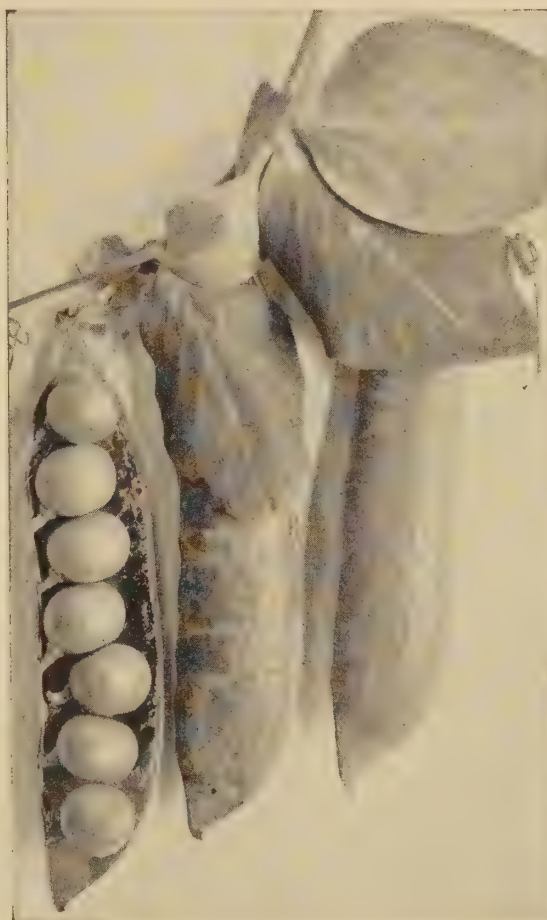
Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 5 lbs. \$2.75, 10 lbs. \$4.50.
Not Postpaid—10 lbs. \$3.50, 25 lbs. \$6.50, 100 lbs. \$22.00.

ALDERMAN or TALL TELEPHONE—74 days. A handsome large podded variety of the Telephone family. Excellent for home garden, for truckers, and for shipping to distant markets; resistant to Fusarium wilt. Vines dark green, coarse. Pods single, very broad, plump, straight, dark green, pointed; contains 8 to 10 peas of highest quality. Seed large, wrinkled, light green. This variety can well be considered the standard of high quality.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 5 lbs. \$2.75, 10 lbs. \$4.50.
Not Postpaid—10 lbs. \$3.50, 25 lbs. \$6.50, 100 lbs. \$22.00.

DWARF TELEPHONE (Dark Podded)—75 days. A late, large podded, highly productive sort, for home garden and truckers, and for shipping. Resistant to Fusarium wilt. Vines light green, stocky and branching. Pods single and double, medium light green, lightly curved, broad, pointed and attractive; contains 8 to 10 peas of excellent quality. Seeds large, wrinkled, green, with bluish cast.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 5 lbs. \$2.75, 10 lbs. \$4.50.
Not Postpaid—10 lbs. \$3.50, 25 lbs. \$6.50, 100 lbs. \$22.00.



PEAS, LAXTON'S PROGRESS

PEAS—Continued



PEAS

PEAS, EVERBEARING

EVERBEARING—76 days. A long bearing variety for the home and market garden; resistant to Fusarium wilt. Vines dark green, thick, coarse and branching. Pods double, light green, plump, blunt, straight; contain 4 to 5 large peas of sweet marrowy flavor. Seeds very large, light green, flat, wrinkled.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 5 lbs. \$2.75, 10 lbs. \$4.50.

Not Postpaid—10 lbs. \$3.50, 25 lbs. \$6.50, 100 lbs. \$22.00.

DWARF GRAY SUGAR (Edible Pod)—68 days. A prolific edible podded variety for home garden; resistant to Fusarium wilt. Vines slender and wiry, with purple blossoms. Pods double, light green, heavily curved, semi-pointed, strongly indented between the peas. Seeds small, mottled, gray, round.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 5 lbs. \$2.75, 10 lbs. \$4.50.

Not Postpaid—10 lbs. \$3.50, 25 lbs. \$6.50.

GIANT LUSCIOUS SUGAR—74 days. A tall growing edible podded variety for home and market garden. It is used in the same way as snap beans; resistant to Fusarium wilt. Pods 5 inches, broad blunt. Seed large, smooth, gray.

Postpaid—Pkt. 10c, ¼ lb. 25c, lb. 65c, 5 lbs. \$2.75.

PEANUTS

CULTURE—Peanuts can be successfully grown in the North on warm, sandy soil in a sheltered place with a southern exposure.

Plant the same as corn in rows 2½ feet apart. Drop the shelled nuts 8 to 10 inches apart, cover 1 inch deep. When the plants are nearly grown, throw earth up to them. This will cause the nuts to form.

IMPROVED LARGE VIRGINIA (Jumbo)—It has the largest pods and more kernels, with fewer imperfect pods.

Postpaid—Lb. \$1.00.

TENNESSEE REDS—The earliest variety grown. Pods are small, well filled and of fine quality.

Postpaid—Lb. \$1.00.

WHITE SPANISH—110 days. The dwarf bushes grow close and are easily cultivated and gathered. The kernels are small and very sweet.

Postpaid—Lb. \$1.00.

PEPPERS

CULTURE—One ounce of seed should produce 1,000 to 1,500 plants. A warm, moist soil is best suited for peppers. For early green peppers sow seed in hotbeds in January, February or March, according to locality and climate. Transplant to the field as soon as weather and soil in your locality will permit, and when danger of frost has passed. Pepper Seeds are slow and hard to germinate, therefore those sown early will require a good hotbed with plenty of heat. Otherwise the seed will rot before they sprout. Pepper plants are very tender and easily killed by frost.

OAKVIEW WONDER—65 days. Developed from California Wonder, but is at least a week earlier. It has slightly smaller but blockier and more symmetrical fruits and lacks the deep depression and curling at the nose which characterize most peppers. Has thick walls and high quality of California Wonder, and its exceptional uniformity, earliness and high yield have already made it a favorite among market growers and truckers.

Postpaid—Pkt. 10c, oz. 75c, ¼ lb. \$2.00, lb. \$7.50.

KING OF THE NORTH—65 days. A late introduction, and a winner, similar in type to Ruby King, but decidedly earlier. The plant is of medium size and prolific. The fruit is long, moderately slender, tapering to three or four points.

Postpaid—Pkt. 10c, oz. 60c, ¼ lb. \$2.00, lb. \$7.50.

CALIFORNIA WONDER—75 days. An outstanding medium late variety for market garden and shipping. Plants vigorous, upright, prolific. Fruits 4-lobed, chunky; very attractive, smooth, uniform and deep green, changing to bright crimson; flesh thicker than any other variety; sweet and mild.

Postpaid—Pkt. 10c, oz. 75c, ¼ lb. \$2.00, lb. \$7.50.

CALIFORNIA WONDER (Special)—75 days. This variety averaging 4 inches in length to 3½ inches in diameter with but a single taper, which makes them almost square. The walls are ¼ to ⅜ of an inch in thickness. It is an excellent shipping sort and because of the uniformity of shape they pack well. The skin is a deep rich green, smooth and glossy. The ideal pepper for home and market.

Postpaid—Pkt. 25c, oz. \$1.00, ¼ lb. \$3.50, lb. \$12.00.

YOLO WONDER (Mosaic Resistant)—78 days. Very thick firm flesh, 4 lobed, very glossy attractive green at market stage. Plants are very compact with longer leaves than California Wonder, affording adequate protection against sunscald. Heavy producer.

Postpaid—Pkt. 25c, oz. \$1.00, ¼ lb. \$3.50, lb. \$12.00.

HUNGARIAN YELLOW SWEET—60 days. Plant is 12 to 15 inches in height, very hardy and prolific. The fruit is from 5½ to 6 inches long by 1½ inches in diameter, tapered, smooth flesh; color is waxy yellow, becoming a bright red at maturity.

Postpaid—Pkt. 10c, oz. 75c, ¼ lb. \$2.00, lb. \$7.50.



PEPPER, CALIFORNIA WONDER



PEPPER, PIMENTO

LARGE BELL or BULL NOSE—60 days. A popular, early sweet, prolific sort, with small, erect plants. Fruits blunt, deep green, changing to scarlet red; mild in flavor.

Postpaid—Pkt. 10c, oz. 60c, ¼ lb. \$2.00, lb. \$7.50.

PIMENTO—73 days. Pre-eminently a canning variety; good also for home and market garden planting. Plants large, erect, prolific. Fruits heart-shaped, very smooth; color dark green, changing to bright crimson; flesh exceptionally thick, sweet and mild.

Postpaid—Pkt. 10c, oz. 60c, ¼ lb. \$2.00, lb. \$7.50.

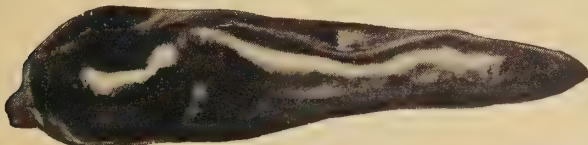
WORLD BEATER (Wilt Resistant Strain)—75 days. A new development in peppers, a wilt resistant strain. Fruit 4-lobed, and very large. Flesh thick, mild and sweet. Pepper tapering and of a bright ruby red when ripe, very prolific.

Postpaid—Pkt. 10c, oz. 75c, ¼ lb. \$2.00, lb. \$7.50.

HOT VARIETIES

ANAHEIM CHILI—80 days. A hot, late variety; used for home and market garden, and for canning and drying. Fruits tapering, deep green, changing to bright scarlet at maturity.

Postpaid—Pkt. 10c, oz. 75c, ¼ lb. \$2.00, lb. \$6.00.



CHILI PEPPER

COLLEGE No. 9—80 days. A hot variety developed by the New Mexico Experiment Station. Very similar to Anaheim but pods are smaller and more slender. Fruits dark red when mature, excellent for drying.

Postpaid—Pkt. 10c, oz. 75c, ¼ lb. \$2.00, lb. \$6.00.

HUNGARIAN YELLOW WAX—65 days. Long, waxy-yellow, changing to crimson. Pointed and tapering. Plants dwarf and prolific.

Postpaid—Pkt. 10c, oz. 75c, ¼ lb. \$2.00, lb. \$6.50.

IMPROVED THICK LONG RED—70 days. Bright red pods about 4 inches long; thicker than the ordinary Red Cayenne. Flesh thick and very hot. Very prolific and quite early.

Postpaid—Pkt. 10c, oz. 75c, ¼ lb. \$2.00, lb. \$6.50.

JALAPENO—75 days. Popular for pickling. Plants large and productive, fruits 3 inches long, 1 inch through shoulder, tapering to a blunt rounded point; dark green turning red. Extra hot.

Postpaid—Pkt. 10c, oz. 75c, ¼ lb. \$2.00, lb. \$6.50.

RED CHERRY—82 days. Plants vigorous, upright, prolific. Fruits erect, conical, extremely pungent. Color yellowish green, changing to deep red.

Postpaid—Pkt. 10c, oz. 75c, ¼ lb. \$2.00, lb. \$6.50.

RED CHILI—82 days. Small, pointed, yellowish-green changing to deep red.

Postpaid—Pkt. 10c, oz. 75c, ¼ lb. \$2.00, lb. \$6.50.

PUMPKIN

CULTURE—One ounce of seed will plant twenty hills; three pounds an acre. Pumpkins are very similar in culture to the squashes and other vine crops, except that they are not so particular as to soil and cultivation. In the latitude of Denver they may be planted during May in the garden or in the corn field 6 to 8 feet each way.

CHEYENNE BUSH—A true bush strain, this sturdy prolific variety produces its small, flattened orange fruits close to the plant's base or crown. Closer spacing in the row is thereby permitted, thus overcoming the hesitancy of many home gardeners towards planting pumpkins due to space limitations.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 50c, lb. \$1.50.

SMALL SUGAR or PIE—It is small, has deep orange skin, fine-grained flesh, is an excellent keeper and very prolific.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 50c, lb. \$1.50.

GREEN STRIPED CUSHAW—18 inches to 2 feet long and 12 inches in diameter; green striped with crooked neck. Flesh thick, yellow, coarse but sweet.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 50c, lb. \$1.50.

KING OF THE MAMMOTH OR POTIRON—The largest of all pumpkins, often 2 feet or more in diameter, and sometimes weighing over 100 pounds. The skin is sallow-yellow; the flesh thick and of a bright yellow; often used for pies, but grown principally for stock-feeding.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 50c, lb. \$1.75.

CONNECTICUT FIELD—A large, round or slightly oval pumpkin. Skin reddish-orange color, with rich orange-yellow flesh. Grown extensively for stock feeding; also good for pies. Generally planted with corn.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 50c, lb. \$1.50.

TENNESSEE SWEET POTATO—Recommended for pies and custards. Pear-shaped, slightly ribbed, creamy white color slightly striped with green. Flesh creamy white, fine-grained, dry with flavor resembling a sweet potato.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 50c, lb. \$1.50.



PUMPKIN, CONNECTICUT FIELD

RADISH

One ounce of seed will sow 100 feet of drill;
8 to 10 pounds will plant an acre.



RADISH, FRENCH BREAKFAST



RADISH, CHERRY BELLE



RADISH, EARLY SCARLET GLOBE

EARLY SCARLET GLOBE—24 days. A very popular variety; is outstandingly good, and well adapted to both field culture and greenhouse forcing. Roots globular, very slightly elongated, with medium top; bright scarlet, crisp, tender and of fine quality.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 30c, lb. 90c, 5 lbs. \$4.00.

EARLY SCARLET GLOBE (Special Forcing)—Our special strain of short-topped Scarlet Globe bred especially for greenhouse use.

Postpaid—Oz. 15c, ¼ lb. 35c, lb. \$1.00, 5 lbs. \$4.50.

CAVALIER—23 days. An attractive variety of short topped Scarlet Globe type; primarily for forcing in greenhouse or frames. Tops about one inch shorter than Standard Scarlet Globe; roots uniform, olive-shaped, deep scarlet.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.00, 5 lbs. \$4.50.

BUCCANEER—23 days. Notable for uniformity and attractive market appearance. Top short; root globe-shaped with lustrous scarlet exterior. An exceptionally nice little radish.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.00, 5 lbs. \$4.50.

CHERRY BELLE (New)—One of the quickest to reach edible size, these bright red colored radishes are round as a marble and have pure white flesh of delightful flavor and crispness. Has exceptionally short top and is perfect for growing under glass as well as outdoors.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.00, 5 lbs. \$4.50.

BIKINI—17 days. A small all red, very attractive round radish, with short top, producing a crop in 17 days, excellent for market garden trade.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.50.

CINCINNATI MARKET (Long Red)—28 days. An improved strain of Long Scarlet, being slightly larger and with a very small top; roots 6 to 7 inches long; scarlet colored; flesh white, almost transparent; brittle and crisp.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 30c, lb. 90c, 5 lbs. \$4.00.

COMET—25 days. Bright cherry-red, with unusually firm and crisp flesh. Roots are globe to round in shape. Tops are 3½ to 4 inches. Grows to good size before getting pithy and remains firm longer than most early globe types, a desirable feature for both home and market garden use. Hot weather resistant.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 30c, lb. 90c, 5 lbs. \$4.00.

CRIMSON GIANT—28 days. Large globe-shaped red variety with a large top.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.00, 5 lbs. \$4.50.

FRENCH BREAKFAST—25 days. Oblong roots, scarlet color with a white tip. Half inch thick by 1½ inches long.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 30c, lb. 90c, 5 lbs. \$4.00.

SPARKLER WHITE TIPPED—26 days. Perfectly round or ball shaped, upper half bright scarlet, lower half a clear white; very attractive in appearance. Largely grown for market and home use.

Postpaid—Pkt. 10c, oz. 15, ¼ lb. 30c, lb. 90c, 5 lbs. \$4.00.

PHILADELPHIA BOX WHITE—28 days. A medium early, white variety for forcing or outside culture. Roots round, slightly top shaped, flesh white, very crisp, fine grained and tender.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.00, 5 lbs. \$4.50.

WHITE ICICLE—27 days. Fine, long, wax-white roots, crisp and mild. Our stock is an improved strain.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 30c, lb. 90c, 5 lbs. \$4.00.

WINTER VARIETIES

CHINA ROSE—52 days. Rose, 5-inch root, 2 inches across, cylindrical, blunt-ended and heavier at lower end. Flesh is pungent.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.00.

ROUND BLACK SPANISH—56 days. Gray-black, round, slightly top-shaped roots, 4 inches across and 3 inches deep. White, pungent flesh.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.00.

WHITE SPANISH—48 days. Very large, white, cylindrical, smooth roots, 6 to 9 inches long and 2½ to 3 inches across with white, crisp flesh.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.00.

JAPANESE DAIKEN—56 days. Roots 10 to 12 inches long by 5 inches in diameter, skin white; flesh pure white, solid and mildly pungent. May be used in all stages of growth and a good keeper.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.00.

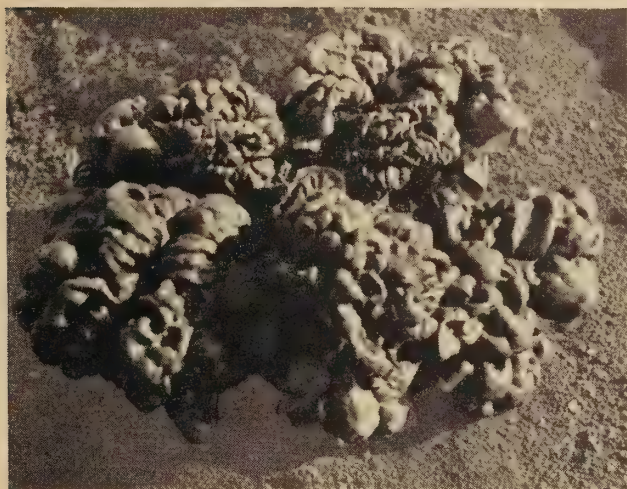
RHUBARB

CULTURE—The roots can be raised from seed sown in the spring, and are ready to transplant to the permanent bed the next spring. Seedlings cannot be relied upon to produce the variety true to type no matter how carefully the seed is raised, so the roots that produce the largest and best stalks should be used, the rest being discarded.

VICTORIA—Stalks grow very large and are light green and scarlet in color.

Seed Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00.

SPINACH



AMERICA

CULTURE—One ounce of seed will plant 100 feet of drill; 10 pounds an acre. Spinach is an important crop of easy culture for the market gardener. For spring and early summer use, sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and every two weeks thereafter for a succession crop. For winter and early spring use, sow in September in well-manured ground. Cover with straw on the approach of cold weather.

GIANT NOBEL (Longstanding)—Very valuable for market gardens and canning. Plants large, vigorous and spreading. It is slow to form seed stalks, and an extremely heavy yielder. Leaves huge, thick, smooth, pointed, with rounded tip; deep green, tender. The best of the Giant Thick Leaved sorts.
Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 25c, lb. 65c, 5 lbs. \$3.00, 10 lbs. \$5.50, 25 lbs. \$12.50.

HI-CURL—45 days. A better and darker strain of the well-known reselected Bloomsdale. Its darker color gives the plants a fresh appearance for a longer time after being cut, and remains much longer in prime marketable condition.
Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 25c, lb. 65c, 5 lbs. \$3.00, 10 lbs. \$5.50, 25 lbs. \$12.50.

HEAVY PACK—45 days. A dark green strain selected from Viking. The huge smooth leaves are of splendid quality and will produce more tonnage per acre than any other sort, and is slow going to seed.
Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 25c, lb. 65c, 5 lbs. \$3.00, 10 lbs. \$5.50, 25 lbs. \$12.50.



SPINACH, GIANT NOBEL

BLOOMSDALE SAVOY (Reselected)—Very early and hardy, and one of the best for market and canning. Plant of upright growth, with a tendency to go quickly to seed in hot weather. Stems 3 inches long, leaves of medium size.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 25c, lb. 65c, 5 lbs. \$3.00, 10 lbs. \$5.50, 25 lbs. \$12.50.

AMERICA (Longstanding)—The America is the longest standing and darkest green Bloomsdale type in existence. Extends the cutting season, stands the sun and heat better and gives the heaviest cropping.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 25c, lb. 65c, 5 lbs. \$3.00, 10 lbs. \$5.50, 25 lbs. \$12.50.

NEW ZEALAND—Distinct from other kinds of spinach and particularly valuable for culture in hot, dry weather. Seeds comparatively large and nut-like. Plants very large and spreading; leaves numerous, small, triangular, thick, deep green. The tender leafy shoots are gathered repeatedly.

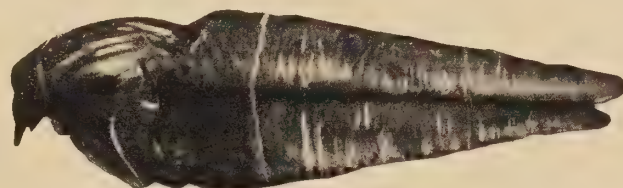
Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 70c, lb. \$2.00.

SALSIFY OR VEGETABLE OYSTER

CULTURE—A desirable winter vegetable. The roots, when cooked, are palatable and nutritious. Flavor is similar to oysters. A light, rich soil is most suitable, and it should be worked to a good depth. Seed is sown in spring in rows 12 to 15 inches apart and thinned to 4 inches apart in the row.

MAMMOTH SANDWICH ISLAND—A popular market garden sort, producing good sized roots, comparatively smooth.

Postpaid—Pkt. 10c, oz. 30c, ¼ lb. 85c, lb. \$3.00.



SALSIFY

SQUASH

CULTURE—After danger of frost is past, plant in a warm, well pulverized, rich soil, mixing well-rotted manure in each hill. Plant 8 to 10 seeds to the hills, about May 10th, for the summer varieties 4 to 6 feet apart, and the winter sorts 8 to 10 feet, about July 1st. When well grown, thin, out, leaving three of the strongest plants in each hill. Do not bruise or break the stems of the winter squashes when gathering. Plant summer sorts, 1 ounce to 25 hills; 3 to 4 pounds to an acre; winter sorts, ounce to 10 hills; 3 to 4 pounds to an acre.

YANKEE HYBRID—45 days. This is a true first generation hybrid made by controlled crossing of inbreds of Connecticut Straightneck and Early Prolific. This cross produces a squash that is distinctly earlier than either parent. It is more productive and uniform. The vine is bush type. Fruit medium yellow, straight and very slightly warted.

Pkt. 15c, oz. 50c, ¼ lb. \$1.75, lb. \$6.00.

EARLY WHITE BUSH (Green Tinted)—A well-known variety of dwarf habit and upright growth. Surface comparatively smooth. Color, greenish-white while young, then changing to creamy white. One of the best and most popular sorts.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75.

GIANT SUMMER CROOKNECK—The largest and one of the earliest summer varieties; fruit often 2 feet long, very warty and deep orange in color.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75.

SQUASH (Cont'd)

CULTURE—After danger of frost is past, plant in a warm, well pulverized, rich soil, mixing well-rotted manure in each hill. Plant 8 to 10 seeds to the hill, about May 10th, for the summer varieties 4 to 6 feet apart, and the winter sorts 8 to 10 feet, about July 1st. When well grown, thin out, leaving three of the strongest plants in each hill. Do not bruise or break the stems of the winter squashes when gathering. Plant summer sorts, 1 ounce to 25 hills; 3 to 4 pounds to an acre; winter sorts, ounce to 10 hills; 3 to 4 pounds to an acre.

EARLY YELLOW STRAIGHTNECK—A lemon-yellow colored and small sized squash. Of late years the demand is for small, light yellow fruits, and this variety fills the bill. It is especially noted for its large yield of early fruits.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75.

COCOZELLA (Long Type)—A summer variety of bush habit; fruit oblong, 12 to 14 inches in length and 3 inches in diameter at picking stage; color dark green with light green stripes.

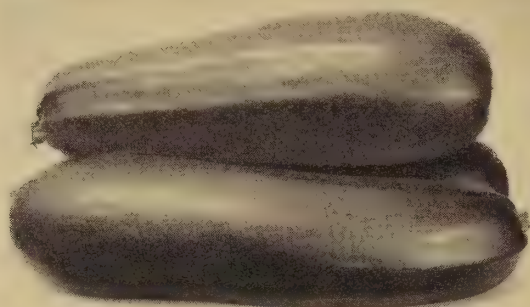
Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75.

GREY ZUCCHINI—A short type of Coccozella; fruit 7 to 8 inches long and 3 inches in diameter at picking stage; color light green speckled white; bush habit.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75.

BLACK ZUCCHINI—Fruits long straight and slender with slight ridges, a black-green color, no striping or mottling. Pick when 6 to 8 inches long. Bush type. Flesh white.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75.



SQUASH, ZUCCHINI

BANANA—A late sort, cylindrical and pointed at blossom end, with thin, slate-gray rind. Flesh thick, fine grained, yellowish orange, and of sweet flavor. Seeds brown and highly enameled.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75.

BUTTERCUP—100 days. Turban shaped with distinctive protruding button at blossom end of fruits, slightly ribbed, rind thin but hard and tough, skin dark green with silvery white lines and flecked with dull gray spots, size 4½ inches deep by 6½ inches in diameter. Flesh deep golden-yellow, thick, dry and very sweet. It is prolific, early and a fairly good keeper.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75.

BUTTERNUT—90 days. Fruits average 3 to 4 pounds, 8 to 10 inches long, bulbous at the blossom end, where the small seed cavity is located; the thick neck is solid flesh. Rind thin, tough, cream colored, flesh fine grained, nutty and of excellent table quality. A prolific yielder and fairly good keeper.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75.



SQUASH, ACORN



SQUASH, EARLY STRAIGHTNECK

CHICAGO WARTED HUBBARD—Somewhat larger than Improved Hubbard and more thickly covered with warts. Pointed at each end, very dark green; flesh deep orange-yellow, dry and sweet. A prolific, good keeping sort.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75.

IMPROVED GREEN HUBBARD—Standard winter sort for home market gardeners, and for shipping. Fruits weigh 10 to 12 pounds, pointed at both ends, slightly warted, dark bronze-green in color; rind hard and tough; flesh very thick, orange-yellow, dry and sweet.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75.

BLUE HUBBARD—100 days. Fruits large, round pointed at both ends. Slightly ridged, with very hard blue-gray rind; weight 12-14 pounds. Flesh yellow-orange, thick, of fine flavor.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75.

VERMONT HUBBARD—105 days. Similar in size and shape to Imp. Hubbard, but more warted and uniform. Fruits about 10 lbs., dark green in color; shell very hard and strong; flesh exceptionally thick, deep orange, dry, fine grained, and of excellent flavor.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75.

MARBLEHEAD—An early maturing variety of the Hubbard family, the rind is quite smooth, hard and slate gray in color. The dry, sweet flesh is very thick and quality is extra good. Curly top resistant.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75.

GOLDEN HUBBARD—Similar to Green Hubbard, but earlier, smaller and more prolific. Popular with home and market gardeners and canners. Fruits somewhat pointed at each end; weight 8 to 10 pounds, moderately warted, orange-red, with faint cream colored stripes toward blossom end; flesh deep orange, dry and of fine quality; it keeps well.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75.

TABLE QUEEN or ACORN—Desirable for home and market garden use, also for shipping. Trailing in habit, with acorn-shaped fruits, ribbed, smooth, thin-shelled, dark green. Flesh light yellow, bakes well and sweet, inviting flavor. An early maturing variety.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75.

MAMMOTH TABLE QUEEN—80 days. A distinctive, large fruited strain of this hard and prolific variety. Comparable in season to regular Table Queen and with fruits similar in shape and color but much larger—average 5 inches across and 6 to 7 inches deep.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75.

DELICIOUS—A popular winter sort, with top-shaped fruits weighing 7 to 8 pounds. Skin dark green, with light green stripes toward the blossom end; flesh orange, dry and of good flavor.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75.

U-CONN—An entirely new winter squash that produces an acorn type fruit on a small compact plant. Uconn is an All-American Gold Medal Award for 1950. It is early and a heavy producer; fruits are slightly smaller than Table Queen, and are borne in clusters at the base of the bush, which is only 20 inches across and 24 inches high.

Postpaid—Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75.

TOMATOES

CULTURE—Days indicated represent the time required from the setting of plants to produce marketable fruits. One ounce of seed should produce 2,000 plants. Tomatoes do best on light, warm, not over-rich soil. Success depends in a large measure upon securing a rapid, vigorous, unchecked growth during the early part of the season. For first early tomatoes select varieties of the earliest types, and start the plants under glass in hot beds or greenhouses during February and March. When the plants are about 2 inches high they should be transplanted to flats, pots or plant boxes. Never crowd the plants, but keep them short and stocky. Plants already in bloom, if in pots or

boxes, may be transplanted to the open ground without disturbing their roots, and will continue to bloom and fruit without check. When danger from frost has passed, set the plants in the field in rows about 4 feet apart each way, in warm, mellow soil of fair fertility. For main crop the plants can be started somewhat later in hot beds or cold frames and then set in the open ground the same as the early varieties. Tomatoes require very little water, just enough to keep them in good growing condition; too much water will cause them to blight. Cultivate often and thoroughly as long as the vines will permit. The last two or three workings of the soil should be shallow or the crop may be badly injured.

BONNY BEST—74 days. Early mid-season sort for market, canning or shipping. Medium sized, bright scarlet fruits, smooth, solid and flattened globe shape.

Postpaid—Pkt. 10c, oz. 60c, ¼ lb. \$2.00, lb. \$7.00.

BOUNTY—65 days. Fruits are globular, medium size 2½ to 3 inches in diameter, scarlet. Core is small. Fruits smooth, borne high on plant. Vines small and self-topping.

Postpaid—Pkt. 10c, oz. 60c, ¼ lb. \$2.00, lb. \$7.00.

CHALK'S EARLY JEWEL—76 days. A second-early sort for home gardens and truckers, also good for canning in the North. Plant medium, with open growth; prolific. Fruits medium large, smooth, scarlet, flattened, globe-shaped.

Postpaid—Pkt. 10c, oz. 60c, ¼ lb. \$2.00, lb. \$7.00.

EARLIANA—66 days. Very productive for an early sort; fruits of fair size, round, very smooth and solid, and produced in clusters in center of plant; color bright scarlet. Plants have a distinct open habit of growth.

Postpaid—Pkt. 10c, oz. 60c, ¼ lb. \$2.00, lb. \$7.00.

EARLY DETROIT—81 days. A mid-season sort with rather heavy, highly productive plants. Fruits medium large, semi-globular; purplish pink, quite smooth and solid.

Postpaid—Pkt. 10c, oz. 60c, ¼ lb. \$2.00, lb. \$7.00.

GROTHEN'S RED GLOBE—70 days. An early maturing, smooth, productive wilt-resisting variety that is becoming popular for shipping. The fruits are deep scarlet; color and size about like Marglobe.

Postpaid—Pkt. 10c, oz. 60c, ¼ lb. \$2.00, lb. \$7.00.

INDIANA BALITMORE—80 days. A main crop or mid-season variety, fruits are large sized, good red internal color and solid structure. The vines are vigorous, leaves very coarse, heavy producer.

Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.50, lb. \$5.00.

FOREMOST E-21 F2—76 days. Fruits are almost globular, deep scarlet red, and just about as large as Rutgers. Notably resistant to cracking and blossom end scar. The plants are extremely vigorous and heavily productive, fruit size maintained right up to the end of the season.

Postpaid—½ oz. \$1.50, 1 oz. \$2.50, ¼ lb. \$8.00.

JUNE PINK—69 days. The earliest of the pink-fruited varieties.

Vine is open, spreading, and rather short. Fruits medium sized, flattened, smooth; color purplish-pink.

Postpaid—Pkt. 10c, oz. 60c, ¼ lb. \$2.00, lb. \$7.00.

LIVINGSTON'S BEAUTY—84 days. One of the best pink fruited sorts, medium late in season. Plants sturdy, vigorous and prolific. Fruits medium large, deep-flat, smooth, purplish pink, solid, of good quality.

Postpaid—Pkt. 10c, oz. 60c, ¼ lb. \$2.00, lb. \$7.00.

MARHIO—79 days. A pink fruited Marglobe developed by the Ohio Agricultural Station. In season it is the same as Marglobe. Fruits medium large, nearly globular, smooth with thick walls and cross-sections; of fine quality.

Postpaid—Pkt. 10c, oz. 60c, ¼ lb. \$2.00, lb. \$7.00.

MARGLOBE—79 days. Introduced by the United States Department of Agriculture, this main crop variety has come into wide use by truckers and shippers, and in some sections by canners. Plant vigorous, with heavy foliage, resistant to Wilt and Nailhead rust; moderately productive. Fruits medium large, nearly globular, smooth, solid, with thick walls and cross-sections, of fine quality.

Postpaid—Pkt. 10c, oz. 60c, ¼ lb. \$2.00, lb. \$7.00.

MARGLOBE F2—The plants are medium heavy, the fruits slightly flattened globe shape, high yielding with good color inside and out, thick-walled with small core, a little later than regular Marglobe, uniform ripening, juicy.

Postpaid—Oz. \$1.25, ¼ lb. \$4.00.

MASTER MARGLOBE—77 days. Early mid-season variety, similar to the usual Marglobe but more uniform, slightly earlier, very solid, and very free from blossom end scar and flats.

Postpaid—Pkt. 10c, oz. 60c, ¼ lb. \$2.00, lb. \$7.00.



TOMATO, MARGLOBE



TOMATO, BONNY BEST

TOMATOES—Continued

IMPROVED PEARSON—76 days. Vigorous, self-topping plants with ample foliage to protect the heavy set of fruits, which are medium large, semi-globe and of good red color. Good canning and shipping variety.

Postpaid—Pkt. 10c, oz. 75c, ¼ lb. \$2.25, lb. \$8.00.



TOMATO, IMPROVED PEARSON

RUTGERS—It is a second early variety, fruits are medium to large, similar in shape to Marglobe, except that they are more flat in the stem end. The fruit has a thick outer and inner wall, with very small seed cavities. The flesh is firm and red.

Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.75, lb. \$6.50.

RUTGERS F2—The plants are bushy and provide good coverage; a little smaller than regular Rutgers but heavier yielding. They are notably resistant to cracking, ripening evenly to stem end. The fruits are red, full globe and very smooth.

Postpaid—Oz. \$1.25, ¼ lb. \$4.00.

STOKESDALE—72 days. An early scarlet fruited sort with remarkably solid interior, ripening from the inside outward. Resembles Marglobe in size and shape but about 10 days earlier. Owing to its short season, it is well adapted to the northern states.

Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.75, lb. \$6.50.

STOKESCROSS No. 2 F2—70 days. An early and continuous bearer of full size (5½ oz.) full flavored fruit, suitable for market and for processing. Deep red in color, free from interior core.

Postpaid—Pkt. 25c, oz. \$2.00, ¼ lb. \$7.00.

VALIANT—70 days. The fruit is smooth, very solid, free from cracks, and of excellent flavor, and of brilliant scarlet color. Excellent for slicing.

Postpaid—Pkt. 10c, oz. 60c, ¼ lb. \$2.00, lb. \$7.00.

WASATCH BEAUTY—85 days. The fruit is round, firm, smooth and a beautiful red color, and borne in clusters of three to six good sized tomatoes. It is an especially good shipping and canning variety. The branches terminate in a cluster of fruit, making a compact plant so that more plants may be set per acre.

Postpaid—Pkt. 10c, oz. 75c, ¼ lb. \$2.25, lb. \$8.00.

YELLOW PLUM—72 days. A small, yellow-fruited variety much resembling a plum in size and form; for preserving.

Postpaid—Pkt. 10c, oz. 50c, ¼ lb. \$1.75, lb. \$6.50.

TURNIP

CULTURE—One ounce of seed will sow 150 feet of drill; 2 pounds an acre.

PURPLE TOP WHITE GLOBE—55 days Almost a perfect globe in form; flesh and skin white, colored purple, or red, above ground; very fine grained and sweet. A superior variety.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.00, 5 lbs. \$4.50.

PURPLE TOP WHITE GLOBE (Smith Strain)—55 days. This pure bred strain is noted for its uniformity and productivity. Top dark green, large, erect cut leaved. Root large, globe shaped, very smooth; upper part purple-red, white below; flesh white, sweet, crisp and tender.

Postpaid—Oz. 15c, ¼ lb. 35c, lb. \$1.00, 5 lbs. \$4.50.

EXTRA EARLY PURPLE TOP MILAN—45 days. Extremely early and of splendid quality; bulbs of medium size, flat and white, with a bright purple top; strap leaved.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 50c, lb. \$1.50.

EXTRA EARLY WHITE MILAN—45 days. Similar to Purple Top Milan, except that the roots are a solid clear white.

Postpaid—Pkt. 10c, oz. 25c, ¼ lb. 50c, lb. \$1.50.

WHITE EGG—50 days. An early oval or egg-shaped variety. Roots of medium size, smooth and clear white; of the very best quality.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.00, 5 lbs. \$4.50.

TOKAY MARKET—45 days. An old favorite that is rapidly regaining its pre-war popularity because of its outstanding sweet flavor, solid yet tender root, pure white measuring about 2 inches in diameter and 1¼ inch in depth.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.00.



PURPLE TOP WHITE GLOBE TURNIP

RUTABAGA OR SWEDE TURNIP

AMERICAN PURPLE TOP—100 days. The standard variety grown for home use, market and storage. Roots large and globular, deep purplish red above ground, light yellow below, with medium short neck. Flesh a creamy yellow, of finest texture and flavor. A good yielder and keeper.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.00.

LAURENTIAN—92 days. An outstanding purple top variety introduced from Canada. Clean, well shaped root, almost neckless, skin thick, good keeper. Flesh light yellow, fine grained, excellent quality. Top light green, shorter than American Purple Top.

Postpaid—Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.25.

HERBS

CULTURE—Herbs delight in a rich, mellow soil. Sow in early spring in shallow drills one foot apart; cover lightly with fine soil, and when up a few inches thin out, or transplant into prepared beds. Care should be taken to harvest properly. Do this on a dry day, just before they come into full bloom; dry quickly in the shade, pack closely in bottles or dry boxes to exclude the air.

ANISE—75 days. Annual 1½ ft. Used for garnishing and flavoring; the seeds have an aromatic flavor and are used in cakes, soups and other foods.
Pkt. 10c, ½ oz. 40c.

BALM—Perennial. Leaves and stems are used for their aromatic odor.
Pkt. 10c.

BORAGE—80 days. Annual 1½ ft. Leaves are used in salads and also to flavor cooling drinks. Splendid for bees.
Pkt. 10c, ½ oz. 40c.

CARAWAY—70 days. Biennial. 1½ ft. tall. Seeds are used for flavoring pastry. Young leaves may be used in salads.
Pkt. 10c, ½ oz. 40c.

CATNIP—80 days. Perennial. 1½ ft. Leaves are strongly scented, when dried are given as a special treat to cats.
Pkt. 10c, ½ oz. 40c.

CHERVIL—75 days. Annual. Used as flavoring in egg and fish sauces. Leaves used in salads.
Pkt. 10c, ¼ oz. 25c.

CHIVES—80 days. Perennial. 6 inch. Tops, finely cut are used for giving a mild onion like flavor to salads, stews and soups.
Pkt. 10c, oz. \$1.25.

CORIANDER—75 days. Annual. 1½ ft. The green leaves are used in soups and sauces; the dried seeds in meats, sausage, and pastry.
Pkt. 10c, ½ oz. 30c.

DANDELION—60 days. Used for salads.
Pkt. 10c.

DILL—70 days. Annual. 2 to 2½ ft. The dry or green branches are used for flavoring dill pickles and beets.
Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$1.50.

FLORENCE FENNEL—60 days. Annual. 2½ ft. The large leaf base has a pleasing anise-like flavor and may be boiled and used in fish sauces and pastry, or the stalks are eaten raw like celery.
Pkt. 10c, ½ oz. 35c.

HOREHOUND—75 days. Perennial. 14 inch. The leaves are used for seasoning and in candy or medicine for coughs and colds.
Pkt. 10c, ½ oz. 55c.

LAVENDER (True)—60 days. Perennial. 1 ft. Flowers are dried and placed in linen closets to impart their perfume to the contents. Sweet scented lavender blue flowers on stems of silvery gray foliage.
Pkt. 10c, ⅛ oz. 60c.

ROSEMARY—75 days. Perennial. 1 ft. Fragrant leaves used for seasoning and in manufacturing perfume.
Pkt. 10c, ¼ oz. 35c.

SAGE—75 days. Perennial, 1 to 2 ft. Used as a seasoning for poultry, sausage, and dressing. May be used fresh or dried.
Pkt. 10c, ½ oz. 40c.

SWEET BASIL—85 days. Annual. 1½ to 2 ft. The leaves green or dried are chiefly used as a seasoning for soups, sauces, vinegar, beans and peas.
Pkt. 10c, ¼ oz. 25c.

SUMMER SAVORY—60 days. Annual. 1 ft. Used chiefly for flavoring salads.
Pkt. 10c, ¼ oz. 25c.

THYME—85 days. Perennial. 6 to 10 inches high. Has aromatic foliage which is used in seasoning soups, stews, sauces and dressings.
Pkt. 10c, ⅛ oz. 30c.

VEGETABLE PLANTS AND ROOTS

ASPARAGUS ROOTS

For the home garden plant asparagus roots 18 inches apart in rows 2½ feet apart, 100 roots for a patch 20x20 feet.



ASPARAGUS, WASHINGTON

WASHINGTON — A new rust-resistant variety of great promise that is being planted largely in this vicinity. The stalks are large, dark green, with a heavy purple over tone.

Postpaid: 1-year-old roots—Doz. 75c, 100 for \$3.00.

PARADISE — New, early maturing variety. Large, crisp, tender stalks with fine, mild flavor, similar in appearance to Washington and rust-resisting. Producing crop one year earlier than any other variety.

Postpaid: 1-year-old roots only—Doz. 75c, 100 for \$3.00.

CHIVES

Small, hardy perennial, belonging to the onion family, which grows in clusters. Leaves used for salads and for flavoring in soups and salads.

Postpaid—Per bunch 60c, 3 for \$1.50.

GARLIC

Used for flavoring. The bulbs are set like onion sets about 4 inches apart in the row, divided into "cloves" or flakes and covered 2 inches deep. When tops die down take up the bulbs and dry in a shady place. Bulbs only.

Postpaid—¼ lb. 25c, ½ lb. 45c, lb. 85c, 10 lbs. \$7.50.

RHUBARB OR PIE PLANT

Rhubarb should be in every garden, as it affords the earliest sauces and pies in spring. Set roots out in spring or fall, in rows 4 feet apart, so the crowns are an inch below the surface. Do not pull stalks the first season. Plants set out in the spring will bear quite abundantly the following season.

RUBY—Very high in sugar content and of exceptionally fine flavor, deep rich ruby red, the reddest of all Rhubarb. It makes a deep rich red sauce which is very beautiful and tasty.

Postpaid—Each 75c, 3 for \$2.00.

MacDONALD—Is an unusually fine flavored rhubarb, high in sugar content. Stalks green with red veins. Makes a fine pink sauce of good flavor.

Postpaid—Each 60c, 3 for \$1.65.

STRAWBERRY—Stalks red all the way through of deliciously mild flavor, long and tender. Excellent for freezing.

Postpaid—50c each, 3 for \$1.35.

HORSE RADISH

Horse Radish is easily grown from sets—small lengths of roots. These sets, if planted in the spring in good, rich soil, will form large roots by fall. The set should be planted with the small end down and the upper portion 2 inches below the surface.

Postpaid—75c per doz., \$4.00 per 100.

SAGE

The leaves of this perennial are used to flavor meats, poultry dressings, sausages and cheese.

Postpaid—Per clump 60c.

A DESCRIPTIVE

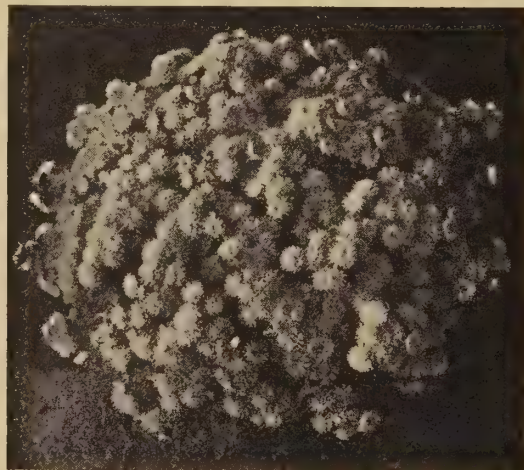
LIST OF SELECTED FLOWER SEEDS

CULTURE—Sow the seeds broadcast or in rows, and cover lightly—a good general rule is to cover four to six times the size of the seeds—and press down the soil firmly. Small seeds cannot come up if covered too deep. Very fine seeds should be sown on the surface and pressed into the soil. To have the earliest blooms, flowers that stand transplanting should be sown early in boxes indoors. Water with a fine spray, do not let

the soil dry out, do not keep the plants saturated. When three or four leaves have formed, transplant one inch apart in boxes, or in the open ground if warm enough. The soil best suited to flowers is a light, rich loam, made as fine and smooth as possible. Many seeds are very small and require a fine seed-bed. Varieties marked with (a) indicate annuals, those with a (p) are perennials.

AFRICAN GOLDEN DAISY (a)

The plants are of branching habit, growing about 15 inches high, and easily cultivated. The flowers vary in color from purest white to yellow, orange and rich salmon shades, many being zoned with several of these colors around the black disk. Pkt. 10c, 1/8 oz. 50c, 1/4 oz. 85c.



AGERATUM

AGERATUM (a)

Popular annual plants producing fluffy blue flowers all summer. The dwarf stature and compact habit permit its use as an edging plant or in the rockery where it will flourish in any soil, sun or partial shade.

BLUE PERFECTION—Flowers deep blue, growing 9 inches tall. Pkt. 10c, 1/8 oz. 60c, 1/4 oz. \$1.00.

ALYSSUM (a)

One of the most popular garden flowers, remaining in bloom the entire season; suitable for beds and edging in summer, or for growing in pots and boxes for winter blooming.

CARPET OF SNOW—White flowers on plants only 3 inches tall. Pkt. 10c, 1/4 oz. 35c, 1/2 oz. 60c.

SWEET—Taller variety, growing 8 inches high, white flowers. Pkt. 10c, 1/4 oz. 20c, 1/2 oz. 35c, oz. 50c.

VIOLET QUEEN—Dwarf, compact plants of small, sweetly scented flowers of a very rich deep shade of violet. Pkt. 10c, 1/4 oz. 85c, 1/2 oz. \$1.25.

ROYAL CARPET—All American Selection for 1953. Brilliant new gem for the garden. The spreading compact habit and rich violet purple color should be an excellent companion to Carpet of Snow. Height 3 in., spread 12 in. Pkt. 25c, 1/8 oz. 85c, 1/4 oz. \$1.50.

SAXATILE COMPACTUM—Sometimes called Basket of Gold. It grows compactly and is covered with a wealth of golden blossoms in early spring, hardy perennial. Pkt. 10c, 1/4 oz. 50c, 1/2 oz. 85c.

ARCTOTIS (a)

BLUE EYED AFRICAN DAISY—Silvery white daisy like flowers with delicate sky-blue eye with yellow halo. Plants 2 1/2 ft. tall very free blooming. Pkt. 10c, 1/4 oz. 40c, 1/2 oz. 75c.

ASTERS (a)

ASTER, CREGO TYPE

We can imagine no other flower which combines so much beauty with grace and usefulness and with which more brilliant effects can be achieved. From August until frost this flower reigns supreme in the garden, not equaled by any other. To do well, Asters require a well pulverized soil, and frequent cultivation as well as a sunny location.

IMPROVED CREGOS WILT RESISTANT—The large shaggy flowers with long curled petals are not unlike the ostrich feather for which they are commonly named. The plants are strong and heavily branched and grow about 2 1/2 ft. in height.

Crimson—Glowing deep rose-crimson. Pkt. 10c, 1/8 oz. 60c.

Purple—Showy violet purple. Pkt. 10c, 1/8 oz. 60c.

Rose—Lovely bright carmine rose. Pkt. 10c, 1/8 oz. 60c.

Pink—Soft shell pink. Pkt. 10c, 1/8 oz. 60c.

Azure Blue—Pale blue. Pkt. 10c, 1/8 oz. 60c.

White—Purest white, large and fluffy. Pkt. 10c, 1/8 oz. 60c.

Mixed Colors—Pkt. 10c, 1/8 oz. 50c, 1/4 oz. 85c, oz. \$2.50.

QUEEN OF THE MARKET (Wilt Resistant Strain)—Usually in bloom two weeks before most other sorts begin to flower. Flowers are nearly round, fully double, and measure 3 inches across. Plants 18 inches high. Mixed colors. Pkt. 10c, 1/8 oz. 50c, 1/4 oz. 85c, oz. \$2.50.

AIDS IN SELECTING FLOWER SEEDS FOR SPECIAL PURPOSES

Tall Sorts for Backgrounds: Amaranthus, Canna, Cosmos, Dahlia, Lupin, Marigolds, Ricinus, Sunflower, Zinnia.

Medium High Annuals: Antirrhinum, Arctotis, Aster, Balsam, Bachelor Button, Calliopsis, Chrysanthemum, Clarkia, Godetia, Larkspur, Lupin, Pinks, Scabiosa, Schizanthus, Statice, Stocks, Zinnia.

Dwarf Border Plants: Alyssum, Candytuft, Carnation, Daisy, Pansy, Pinks, Sweet William, Viola, Zinnias Lilliput.

Window Boxes: Alyssum, Lobelia, Nasturtium Dwarf, Petunia, Thumbergia.

Foliage Plants: Amaranthus, Cineraria, Kochia, Ricinus.

Medium High Perennials: Campanula, Columbine, Coreopsis, Gypsophila, Gaillardia, Lupin, Poppy, Shasta Daisy, Sweet William.

Tall Perennials: Delphinium, Foxglove, Hollyhock.

Rock Garden Annuals: Ageratum, Alyssum, Candytuft, Bachelor Button, Eschscholtzia, Gypsophila, Lobelia, Pinks, Portulaca, Verbena.

Rock Garden Perennials: Campanula, Candytuft, Columbine, Poppy, Pinks, Viola.



CHRYSANTHEMUMS, DOUBLE

AMARANTHUS (a)

Attractive foliage plants, up to 5 ft. high; for backgrounds, groups or foundation plantings.

CAUDATUS—Love Lies-Bleeding. Long, slender, drooping dark red flower spikes often in branched clusters; green foliage. Pkt. 10c, 1/8 oz. 30c, 1/4 oz. 50c.

TRICOLOR Splendens—Joseph's Coat. Rich, scarlet crimson foliage, prettily variegated yellow and bronze green. Pkt. 10c, 1/8 oz. 35c, 1/4 oz. 60c.

DOUBLE BATCHELOR'S BUTTON (a)

This superb class of Cornflowers produces handsome, large double blooms effective out of doors and in bouquets. Easily grown from seed, if sown in early spring produces flowers from midsummer until frost.

BLUE BOY—Deep blue with black markings.

Pkt. 10c, 1/4 oz. 30c, 1/2 oz. 50c, oz. 75c.

RED BOY—Deep red with blue markings.

Pkt. 10c, 1/4 oz. 30c, 1/2 oz. 50c, oz. 75c.

PINKIE—Deep pink with blue markings. Pkt. 10c, 1/4 oz. 30c.

SNOWMAN—White with blue markings. Pkt. 10c, 1/4 oz. 30c.

DOUBLE MIXED—Pkt. 10c, 1/4 oz. 35c, 1/2 oz. 50c, oz. 75c.

BALSAM (Lady Slipper) (a)

An old and popular garden flower of easy culture. Plants grow about 18 inches high, with clusters of double flowers resembling camellias produced in abundance, flowers are of unusual colors ranging from white to deep rose.

CAMELLIA FLOWERED MIXED—Pkt. 10c, 1/4 oz. 35c, 1/2 oz. 60c.

BELLS OF IRELAND

Both curious and beautiful, produces graceful 2 ft. stems well branched, so surrounded by 2 inch flowers there is little room for leaves. The little bells are a bright green, each containing a small white corolla in the center. Makes beautiful bouquets and can be dried for winter bouquets. Pkt. 25c.

CALLIOPSIS (a)

Free flowering, wiry-stemmed annuals in shades of yellow, brown and crimson. The flowers resemble a daisy with raised brown centers, and are often times marked with bands or centers of contrasting tones. Pkt. 10c, 1/4 oz. 30c, 1/2 oz. 55c.

COREOPSIS (p)

One of our most popular perennials; the attractive flowers are borne in great profusion and are excellent for cutting.

DOUBLE SUNBURST—Large double flowers of brilliant golden yellow, 1 1/2 to 2 inches across. Easy to grow.

Pkt. 10c, 1/4 oz. 35c, 1/2 oz. 60c.

CALIFORNIA POPPY (Eschscholtzia) (a)

The foliage is finely cut, fern-like, and silvery green in color. The flowers are bright yellow and orange, they start to bloom in a few weeks after the seed is sown.

SPECIAL MIXTURE OF COLORS—Giant flowering poppy in soft pink, scarlet, chrome, copper red, claret, yellow, white, royal purple and orange.

Pkt. 10c, 1/4 oz. 40c, 1/2 oz. 75c, oz. \$1.25.

GOLDEN WEST—Flowers bright yellow and orange, penciled and blotched. Pkt. 10c, 1/4 oz. 40c, 1/2 oz. 75c.



CARNATIONS



BALSAM, CAMELLIA FLOWERED

CALENDULA (Pot Marigold) (a)

The colorful flowers make a wonderful display in the garden and are always admired by those who see them. Blooms freely in early summer and continues into the fall. Even though they prefer a sunny location and rather dry soil, they require little care to grow to perfection, height 18 to 24 inches.

ART SHADES MIXED—A splendid mixture of varied shades of apricot, orange, cream and buff. Pkt. 10c, 1/4 oz. 35c.

CARNATIONS (a)

Few flowers surpass in beauty of form or delicious fragrance as the richly hued Carnation. The plants are branching but compact, and the handsome blossoms are produced on blue-green stems that are stiff but slender. The double flowers with their thick waxy petals are spicily scented.

CHABAUD GIANT—18 inches. This variety blooms six months after seeding and continues through the summer, produces flowers of extra large size. If plants are protected during the winter they will continue to live and bloom for many years.

Cardinal Red

Pure White

Bright Rose

Lemon Yellow

Any of the above —

Pkt. 15c, 1/8 oz. \$1.00, 1/4 oz. \$1.75, 1/2 oz. \$3.25, oz. \$6.00.

CHABAUD'S MIXTURE—Pkt. 10c, 1/4 oz. \$1.00, 1/2 oz. \$1.75, oz. \$3.00.

CANDYTUFT (a)

Well-known dwarf, profuse flowering plants of easy culture. Charming for beds, edgings and rock gardens.

DWARF MIXED (Umbellata)—Umbel or umbrella shaped flower heads made up of many small florets cover the dwarf bushy plants, which grow 1 ft. tall. Colors range from white, soft pink to dark crimson.

Pkt. 10c, 1/4 oz. 30c, 1/2 oz. 50c, oz. 85c.

GIANT HYACINTH FLOWERED—Plants are very branched, each branch a massive, long and thick hyacinth-like spike of pure white. Plants 18 inches tall. Excellent for cutting.

Pkt. 10c, 1/4 oz. 35c, 1/2 oz. 60c, oz. \$1.00.

CANTERBURY BELLS (b)

CAMPANULA CALYCANTHEMA—Cup and Saucer Type. Perhaps the most beautiful type; distinct in form with large bell or cup-shaped flowers, surrounded at the base by a large calyx of similar color the whole resembling a cup and saucer. Flowers are white, blue and pink shades. Bloom the second year from seed or first year from seed if sown in fall. Finest Mixed. Pkt. 10c, 1/8 oz. 50c, 1/4 oz. 95c, 1/2 oz. \$1.75.

CASTOR OIL BEAN (Ricinus) (a)

Tall stately growing plants of tropical appearance; their luxuriant foliage makes them exceedingly ornamental.

ZANZIBARIENSIS—Ornamental bronze foliage and brilliantly colored seed pods. Pkt. 10c, oz. 50c, 1/4 lb. \$1.50.

CHRYSANTHEMUM

The annual varieties or Painted Daisies, as they are called, bloom from early summer until frost.

SINGLE MIXED—These are the painted daisies and come in many brilliant colors. Pkt. 10c, 1/8 oz. 35c, 1/4 oz. 60c.

DOUBLE MIXED—Plants 18 inches high with double flowers that range in color from white to deep orange.

Pkt. 10c, 1/4 oz. 35c, 1/2 oz. 55c.

CLARKIA (a)

Graceful slender upright plants, covered almost their entire length with dainty double flowers which resemble those of the flowering almond, of pastel shades, plants 24 inches tall.

DOUBLE MIXED—Pkt. 10c, 1/4 oz. 30c, 1/2 oz. 55c.

COBAEA SCANDENS (Cathedral Bells) (a)

A rapid growing annual climber. Flower lilac-blue, bell shaped. Pkt. 10c, 1/4 oz. 75c.

COCKSCOMB (a)

Celosia—A very ornamental plant with curious flowers resembling a cock's comb.

DWARF MIXED—Flowers of red and yellow, growing about 12 inches high. Pkt. 10c, 1/8 oz. 35c, 1/4 oz. 60c.

TALL MIXED—Plants 2 feet tall with ornamental heads of red and yellow that may be dried for winter. Pkt. 10c, 1/8 oz. 35c, 1/4 oz. 60c.

PAMPAS PLUME—Big fleecy feathery plumes in all the brilliant colors of autumn leaves: gold, copper, deep red henna and carmine. Quick growing, heat loving and pest free; stand 30 inches high and bloom in 75 days from seed. Especially good for winter bouquets. Pkt. 25c, 1/8 oz. 85c.

COLUMBINE (p)

ROCKY MOUNTAIN—This is Colorado's emblematic flower. Beautiful blue and white flowers so well known that a detailed description is unnecessary.

Pkt. 25c, 1/8 oz. 75c, 1/4 oz. \$1.25, 1/2 oz. \$2.25.

MRS. SCOTT ELLIOTT'S HYBRIDS—A mixture of delightful shades of soft pastel shades, large flowers guard petals and long spurs, 3 ft. stems.

Pkt. 10c, 1/8 oz. 85c, 1/4 oz. \$1.50.

COLEUS

PRIDE OF MONTERLAND—Extra large leaves, distinguished by its beautiful colors and markings of light pastel shades. Robust compact growth.

Pkt. 25c, 1/16 oz. 60c, 1/8 oz. \$1.00.

COSMOS (a)

No garden is complete without Cosmos, these old favorites supply a gorgeous, colorful effect during late summer and fall. Fine for cutting as the flowers last well in water, easy to grow. We offer the newest development in Cosmos.

SENSATION MIXED—Flowers are very large, as much as 5 inches in diameter with broad heavy fluted petals, slightly overlapped. Sturdy plants 3 to 4 feet high, producing flowers 8 to 10 weeks from seed. Pkt. 10c, 1/4 oz. 50c, 1/2 oz. 85c.

DAHLIAS (From Seed) (a)

UNWIN'S DWARF HYBRIDS—This is an improved strain of this popular flower, they grow from 18 inches to 2 feet tall and come in many delightful shades. We offer an improved strain which gives you a wider assortment of choicer colors. Produces a high percentage of doubles from seed. Mixed colors. Pkt. 10c, 1/4 oz. \$1.50, 1/2 oz. \$2.25.

COLTNESS DWARF HYBRIDS—A very dwarf variety for bedding. This strain produces many beautiful pastel shades of single flowers. Excellent for cutting. Growing the miniature Dahlias from seed is becoming a popular garden practice. Mixed colors. Pkt. 15c, 1/4 oz. \$1.50, 1/2 oz. \$2.75.

DELPHINIUM (p)

One of the greatest charms of hardy Larkspurs is in their shades of blue which range from soft rosy lavender to violet and deepest indigo. The magnificent tall varieties are stately and beautiful in front of shrubbery. Above the deeply cut dark green leaves rise long floral spikes. Height 6 to 8 feet.

BELLAMOSUM—Dark blue.

Pkt. 15c, 1/8 oz. 50c, 1/4 oz. 85c, 1/2 oz. \$1.50.

BELLADONNA—Light blue.

Pkt. 15c, 1/8 oz. 50c, 1/4 oz. 85c, 1/2 oz. \$1.50.

GOLD MEDAL—A wonderful improved type of Delphinium. The colors range from palest lavender, through every shade of blue to pansy-violet, several shades being blended in some of the varieties. Pkt. 15c, 1/8 oz. 50c.

PACIFIC HYBRIDS MIXED COLORS—A mixture of the many shades now available in these sturdy hybrids from white through sky blue to deepest purple.

Pkt. 25c, 1/8 oz. \$1.25, 1/4 oz. \$2.00.

EVERLASTING SWEET PEAS

LATHYRUS LATIFOLIUS—A very decorative climbing vine of the Pea family, for growing on fences, trellis, etc., as floral screens and for cutting blooms all summer.

MIXED COLORS—Pkt. 15c, 1/4 oz. 30c, 1/2 oz. 55c.

FOUR O'CLOCK (a)

A favorite showy annual for beds and borders. Bushy plants with red, white and yellow flowers opening in afternoon. Height about 2 1/2 ft.

TALL MIXED—Pkt. 10c, 1/4 oz. 25c, 1/2 oz. 40c, oz. 75c.

FOXGLOVE (p)

This ornamental hardy plant is used extensively for naturalizing in shrubby borders and along fences. It grows well under almost all conditions giving a wealth of bloom during July and August. Flowers are pink, purple and white, large open-tubed on tall spikes.

GIANT SHIRLEY MIXED—Pkt. 10c, 1/8 oz. 40c, 1/4 oz. 75c, 1/2 oz. \$1.25.

GAILLARDIA

Tones of orange, yellow, red and maroon, often beautifully combined in a single blossom, makes these flowering plants gay ornaments of the garden all summer long. The foliage of soft green combines well with the flowers. The blossoms are 2 to 3 inches across.

ANNUAL MIXED—Pkt. 10c, 1/4 oz. 30c, 1/2 oz. 55c.

PERENNIAL MIXED—Pkt. 10c, 1/4 oz. 50c, 1/2 oz. 75c.

GODETIA (a)

Dwarf, hardy annuals of easy culture. They do best in a sunny position in rather poor soil. Sow the seed outdoors in May, thinning out well in the rows, or start in hotbeds and transplant. Flowers are large, trumpet shaped of satiny texture and rich coloring. All shades of rose.

Pkt. 10c, 1/4 oz. 30c, 1/2 oz. 55c.

GOURDS (a)

Tender annual climbers of rapid growth, vines often growing to 20 to 30 feet long. They have luxuriant foliage, fruits curiously shaped in various colors by tying strings around the young fruit or by enclosing same in a carved mold while growing. Many of these fruits keep for years, being very hard shelled. Ornamental mixed. Pkt. 10c, oz. 50c.

GEUM (p)

Beautiful hardy perennials, bearing profusely large showy double flowers all through the summer. Beautiful flowers for bouquets.

MRS. BRADSHAW—Large, double, brilliant orange-scarlet in flower throughout the entire summer. Pkt. 10c, 1/16 oz. 40c.

SPECIAL GARDEN FLOWER MIXTURE**Garden Flower Seeds**

Here we offer a mixture of many easy growing annual flowers that can be sown broadcast, and with practically no care at all will produce a bright effect. This mixture will furnish an abundance of cut flowers for the house.

Pkt. 10c, oz. 50c.

Rock Garden Mixtures

ROCK GARDEN ANNUALS—(Mixed)—Splendid mixture of 25 varieties for rock gardens.

Pkt. 10c, 1/4 oz. 50c, 1/2 oz. 75c.

ROCK GARDEN PERENNIALS—(Mixed)—Wonderful mixture of over 50 rare and choice rock garden perennials.

Pkt. 10c, 1/4 oz. 50c, 1/2 oz. 75c.



ROCK GARDEN PERENNIALS, MIXED

GYPSOPHILA (Baby's Breath)

Pretty free-flowering annuals and perennials. Their misty white panicles are largely used for mixing with other cut flowers.

ANNUAL WHITE—This is an improved large-flowering form of Baby's Breath. Pkt. 10c, ¼ oz. 25c, ½ oz. 40c.

PANICULATA SINGLE WHITE (Perennial)—Hardy perennial. Will bloom first year if sown early, height 2 feet. Pkt. 10c, ⅛ oz. 85c, ¼ oz. \$1.50.

HELIOTROPE (a)

Everyone loves the fragrance and beauty of Heliotrope. Excellent bedding plants in summer, desirable pot plants during winter. Succeeds in any good soil and full sun.

LEMOINE GIANT—Many shades ranging from pure white to violet blue. Pkt. 10c, ⅛ oz. 85c, ¼ oz. \$1.50.

HOLLYHOCKS (p)

This is an old garden favorite, excellent for a background to dwarfier plants, for screening unsightly places and planting along bare walls. They are of the easiest culture, and like a warm sunny location. Bloom from late spring until mid-summer.

DOUBLE LARGE FLOWERED—Large double flowers with waved and fringed petals of many unusual colors, 5 to 6 ft. tall. Pkt. 10c, ⅛ oz. 75c, ¼ oz. \$1.25.

HYACINTH BEAN (Dolichos) (a)

A rapid growing annual climber for sunny situations. Stems purplish red with purple shades in the leaves. Long spikes of deep reddish maroon followed by beautiful metallic purple seed pods. Pkt. 10c, oz. 35c.



GIANT IMPERIAL LARKSPURS

LARKSPUR (a)

Annual delphiniums are adorned with finely cut, feathery foliage of soft green which sets off to advantage the handsome long floral spikes of double blossoms.

GIANT IMPERIAL—This new form produces plants of erect habit, branching from the base, affording longer stems for cutting. We offer a splendid choice of colors. Pkt. 10c, ¼ oz. 25c, ½ oz. 40c, oz. 75c.

LINUM (Flax)

SCARLET FLAX (Grandiflorum Rubrum)—An old favorite with large, rich crimson blooms borne profusely on plants growing 18 to 24 inches high. Though the flowers last only one day, new ones appear every morning. Pkt. 10c, ¼ oz. 30c, ½ oz. 55c.

PERENNIAL BLUE—A hardy perennial; bears graceful bright blue flowers from June until frost, produces new flowers each day, fading and dropping by each evening. Feathery foliage. Pkt. 10c, ¼ oz. 25c, ½ oz. 40c.

LOBELIA (a)

Plants small and compact, bearing a profusion of brilliant blue flowers. A great favorite not only for borders but for window and porch boxes as well. Pkt. 10c, ⅛ oz. 85c, ¼ oz. \$1.75.

RUSSELL'S LUPINS (p)

This is without doubt the finest strain of perennial Lupins yet introduced. The flower spikes are longer, and the flowers closer placed than any of the earlier kinds. The colors are brighter and come in a wide range of solid colors and striking bi-colors. Pkt. 10c, ¼ oz. 85c.

MARIGOLD (a)

A wealth of color all summer and fall unequalled by any other flower. Easy to grow in ordinary garden loam but give the best results in a fairly rich medium one. Be sure of plant in a sunny location. All are lovely for cutting, the flowers keeping in fine condition for a long time.

GUINEA GOLD—Brilliant orange carnation like flowers flushed with gold. Height 2½ ft. Pkt. 10c, ¼ oz. 30c, ½ oz. 55c.

GLITTERS—Large clear yellow double chrysanthemum flowered blooms, 3 to 4 inches across. Plants 2½ ft. tall. Pkt. 10c, ¼ oz. 30c, ½ oz. 55c.

CROWN OF GOLD—The first of the famous marigolds with odorless foliage; sweetly fragrant collarette flowers of brilliant orange gold. 2 in. across, plants grow 2 ft. tall. Pkt. 10c, ¼ oz. 50c, ½ oz. 85c.

TALL DOUBLE FRENCH MIXED—Flowers are double with bright yellow pin cushion center crests surrounded by several rows of mahogany-red guard petals. Especially suited for beds and borders. Pkt. 10c, ¼ oz. 25c, ½ oz. 40c.

DOUBLE HARMONY HYBRIDS—Small ball shaped blooms 1½ to 2 in. across, are freely borne on dwarf compact plants which grow about 15 inches tall. The flowers come in orange, yellow and mahogany as well as combinations of these colors. Ideal for edgings and bedding. Pkt. 10c, ¼ oz. 50c, ½ oz. 85c.

BUTTERBALL—The name fits this pretty edging variety of canary yellow. It grows in a mound 10 inches high covered with 1½ inch globular flowers. Early and continuous flowering. Pkt. 10c, ¼ oz. 75c, ½ oz. \$1.25.

PERSIAN HYBRIDS—A beautiful selection from Harmony type Marigold. Flowers are red to bronze with small touches of yellow on some. Pkt. 25c.

COLOR MAGIC—Brilliant colors of non-fading red to pure gold and many mottled combinations in red and gold. Uniform in growth, approximately 6 inches in height, full double flowers 2¼ inches across. Pkt. 10c, ¼ oz. 75c, ½ oz. \$1.25.

TALL DOUBLE AFRICAN MARIGOLDS—Attractive ball shaped, large double quilled flowers in orange and lemon shades, excellent for cutting and borders, growing to a height of 3 ft. Pkt. 10c, ¼ oz. 50c, ½ oz. 85c.

SUNSET GIANTS—A large percentage of the plants will produce the biggest marigolds ever grown—5 inches and more across. Flowers vary in size, form and come in many shades of orange and yellow 3½ ft. and more tall. In bloom from midsummer until frost. Pkt. 10c, ¼ oz. 50c, ½ oz. 85c.



MARIGOLD



PETUNIA, DWARF GIANTS OF CALIFORNIA

MEXICAN BURNING BUSH (a)

SUMMER CYPRESS—A rapid growing, highly ornamental annual forming perfect pyramids 2 to 2½ feet high, covered with feathery green branches, which in the fall turn to deep red. Makes fine summer hedge. Thin to 18 inches apart. Pkt. 10c, ½ oz. 30c, oz. 50c.

MIGNONETTE (a)

The sweet yet delicate odor of the Mignonette has endeared itself to every true lover of flowers. Small flower spikes of a reddish tint, excellent for cutting, especially when used with other flowers, 1 ft. tall. Pkt. 10c, ¼ oz. 35c.

MORNING GLORY

Popular rapid-growing climbers used for growing on trellises, arbors, walls and to cover unsightly places. Soak seed in water before sowing to aid germination, and plant seeds where they are to grow.

COLORADO HEAVENLY BLUE—The most popular of the morning glories, early blooming climber, literally covered with lovely sky blue flowers shading lighter toward the center. Flowers measure 3½ inches across and bloom until frost. Pkt. 10c, ¼ oz. 20c, oz. 50c.

OLD FASHIONED MIXED—Fast growing early free blooming climber, colors range from white through all tones of blue, red and purple, presenting a very gay appearance. Pkt. 10c, oz. 40c.

MOONFLOWER (Ipomoea Noctiflora)

Giant White. Huge white trumpet-shaped flowers measuring as much as 6 to 8 inches across, slightly fragrant. Pkt. 10c, ¼ oz. 30c.

NASTURTIUM (a)

Few garden annuals respond with as little care as the nasturtium.

PERFEGRO DWARF MIXTURE—For bedding, colors range from pale yellow to deep orange. Pkt. 10c, oz. 30c, ¼ lb. \$1.00.

PERFEGRO TALL MIXTURE—For climbing on trellises or over stonework. Pkt. 10c, oz. 30c, ¼ lb. \$1.00.

DWARF SEMI-DOUBLE VARIETIES

GOLDEN GLEAM—The fragrant golden yellow blossoms are attractive as cut flowers. You will be astonished at the wealth of blossoms the plants produce. Pkt. 10c, oz. 45c, ¼ lb. \$1.25.

SCARLET GLEAM—A sister of Golden Gleam, its semi-double blossoms are similar in size and shape to those of the popular golden Nasturtium. Rich, dazzling scarlet, sweet scented. Fine for cutting. Pkt. 10c, oz. 45c, ¼ lb. \$1.25.

GLEAM HYBRIDS—A mixture of all colors of the double Nasturtiums. Pkt. 10c, oz. 45c, ¼ lb. \$1.25.

NICOTIANA

AFFINIS HYBRIDS (Flowering Tobacco)—Very fragrant, petunia-like flowers, forming a beautiful five-pointed star in brilliant colors including many shades of rose, crimson and creamy white. Flowers are borne in clusters on bushy branching plants about 2½ ft. tall. Pkt. 10c, ¼ oz. 35c.

PETUNIAS (a)

No flower is better liked or more faithful than the Petunia, during the whole season they are covered with large, showy blossoms, which are always bright and fresh, in spite of heat and drought. The flowers are of an almost infinite variety of color and markings and quite as varied in form.

SINGLE BEDDING PETUNIAS

These are used extensively for mass plantings, growing about 12 inches tall.

BLUE BEE—Violet blue. Pkt. 10c, ⅛ oz. 50c, ¼ oz. 85c.

CELESTIAL ROSE—Deep rose pink on very compact dwarf plants. Postpaid—Pkt. 10c, ⅛ oz. 50c, ¼ oz. 85c.

FIRE CHIEF—All America Gold Medal Winner for 1950. An entirely new color in the petunia family. Velvety firecracker red with deeper toned centers. Pkt. 25c, 1/16 oz. \$1.50, ¼ oz. \$2.75, ½ oz. \$5.00.

FLAMING VELVET—Luscious velvety blood red. Pkt. 10c, 1/16 oz. 40c, ⅛ oz. 75c, ¼ oz. \$1.25.

GENERAL DOBBS—Rich crimson garnet. Pkt. 10c, ⅛ oz. 75c, ¼ oz. \$1.25.

HOWARD'S STAR—Crimson maroon with a clearly defined five-pointed star of bluish white. Pkt. 10c, ⅛ oz. 75c, ¼ oz. \$1.25.

ROSY MORN—Clear pink contrasted by a broad white throat. Pkt. 10c, ⅛ oz. 75c.

SNOWBALL—Pure satiny white. Pkt. 10c, ⅛ oz. 75c.

VIOLACEA—Deep Velvet. Pkt. 10c, ⅛ oz. 75c, ¼ oz. \$1.25.

DELUXE BEDDING MIXTURE—Pkt. 10c, ⅛ oz. 50c.

DWARF GIANTS OF CALIFORNIA

Flowers are three inches and more across, plants very bushy and compact. This strain of well-known ruffled petunias contains a wide range of colors and markings. Some of the blooms are so ruffled that they appear almost double.

DELUXE OR RAMONA STRAIN—Reselect Mixture. Magnificent large flowers in a wonderful range of colors. Pkt. 25c, 1/64 oz. \$2.25, 1/32 oz. \$4.25, ⅛ oz. \$15.00.

PAN AMERICAN STRAINS**DOUBLE LARGE FLOWERING PETUNIAS**

GLORIOUS MIXTURE—Contains all of the above colors. This formula mixture is first class in every respect. Postpaid—½ trade pkt. \$2.25, trade pkt. \$4.00.

NEW F-1 HYBRID VARIETIES

BALLERINA—Large, single fringed flowers of a soft glowing salmon. Plants dwarf and compact. Blooms 3½-4 in. across, excellent for pots and an interesting variety for the garden border.

Postpaid—½ trade pkt. \$1.35, trade pkt. \$2.50.

BOLERO—Carmine rose pink flowers, well ruffled and fringed. Dwarf and compact large flowers.

Postpaid—Pkt. 60c, ½ trade pkt. \$1.35, trade pkt. \$2.50.

PRIMA DONNA—Large heavily ruffled bright rose flowers with darker veins on vigorous spreading base branching plants.

Postpaid—½ trade pkt. \$1.35, trade pkt. \$2.50.

LA PALOMA—Large well fringed flowers, 100% pure white with yellow throat.

Postpaid—½ trade pkt. \$1.60, trade pkt. \$2.50.

TANGO—Deep salmon outside of bloom, shading to scarlet salmon nearer throat. Extremely free blooming.

Postpaid—½ trade pkt. \$1.35, trade pkt. \$2.50.

THE "REDSKIN" PETUNIAS**F1 Hybrid Multifloras**

COMANCHE—Deep scarlet-red flowers measuring 2½ inches across freely produced on base branching plants 15 inches in height. Very compact in habit. ½ trade pkt. \$1.00, trade pkt. \$1.75.

MOHAWK F1 HYBRID—Bright rose pink with yellow throat, very free flowering, flowers 2½ inches across on very compact plants. ½ trade pkt. \$1.00, trade pkt. \$1.75.

SIoux F1 HYBRID—Medium toned salmon, very uniform plants, dwarf in habit, flowers 2½ inches across, free flowering. ½ trade pkt. \$1.00, trade pkt. \$1.75.

PANSIES

PERFEGRO GIANT MIXTURE—A mixture of the best pansies we can obtain. Flowers 2½ inches across on stiff stems, with ruffled and fluted petals. Colors are rich and bright with many solid colors of a deep, velvety texture. Pkt. 25c, ⅛ oz. \$1.00, oz. \$6.00.

PERFEGRO FINE PANSY MIXTURE—This is our own mixture, especially designed for showy beds. We very carefully made up this mixture from different colors of the finest pansies, many of them being the expensive large ruffled kinds. The mixture is sure to produce a bright and showy display. Pkt. 10c, ¼ oz. 50c, ½ oz. 75c.

PENSTEMON (p)

SENSATION IMPROVED—The flowers are tubular, lobed and lipped, 1 inch long and $\frac{3}{8}$ inch across of brilliant colors ranging from pink to purple on long flower spikes. Plant 2 ft. tall, perennial. Pkt. 10c, 1/16 oz. 75c.

PINKS (Dianthus Heddensis) (a)

An entirely new tetraploid variety combining the large open flowers of *Dianthus Heddewigi* and the rugged growth and long stemmed habit of *Dianthus Chinensis*. Well formed flowers in large numbers on 16-inch stems, suitable for cutting.

FINEST MIXED—All the traditional *Dianthus* colors in this new variety. Pkt. 10c, $\frac{1}{4}$ oz. 50c, $\frac{1}{2}$ oz. 85c.

PHLOX

PHLOX DRUMMONDI—A valuable and showy annual highly esteemed for bedding, for massing and for borders. The plants grow about 1 ft. high, thrive in any soil if given a sunny location and bloom the entire season. A beautiful mixture of colors from pale yellow to deep purple and soft pink to dark red. Pkt. 10c, $\frac{1}{8}$ oz. 50c, $\frac{1}{2}$ oz. 85c.

HARDY PERENNIAL PHLOX (Decussata)—Tall, massive trusses of flowers in a wide range of brilliant colors, produced throughout the summer. Plants require good soil and plenty of sun. Seed germinates slowly.

Pkt. 25c, $\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.75.

POPPIES

ORIENTAL POPPY—One of the finest and hardiest of all perennials. The flowers are large and showy, the petals satiny, the colors range from light orange to deep red. The plants require little care and will grow in very poor soil. Pkt. 10c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 85c.

SHIRLEY POPPIES—This is the most beautiful type of poppy grown, the foliage has a soft hairy covering and the petals are immense and have a beautiful satin-like texture, the flowers are of many colors, white, pink and various shades of red and scarlet. Mixed colors. Pkt. 10c, $\frac{1}{4}$ oz. 30c, $\frac{1}{2}$ oz. 55c.

ICELAND POPPIES—Dwarf perennial poppy with fern like foliage. The flowers range in color from pale yellow to deep orange of crinkly satin, on long stems above low leaf-clumps. Pkt. 10c, $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.00, $\frac{1}{2}$ oz. \$1.75.



ICELAND POPPY

PORTULACA (Moss Rose) (a)

Brilliant hardy annual of easy culture; excellent for massing in beds, edging or rock work, thriving best in a light sandy soil and sunny location. Flowers of brightest colors, height 6 inches.

DOUBLE MIXED—Pkt. 10c, 1/16 oz. 40c, $\frac{1}{8}$ oz. 75c.

SINGLE MIXED—Pkt. 10c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 85c.

SALVIA OR SCARLET SAGE (a)

GLOBE OF FIRE—A compact growing early flowering *Salvia*, 2 feet high, covered with long spikes of brilliant scarlet flowers that stand clear above the dense dark green foliage. Pkt. 15c, $\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.75, $\frac{1}{2}$ oz. \$3.25.

SALPIGLOSIS (Painted Tongue) (a)

Large, showy, trumpet-shaped flowers of velvety texture, the colors charmingly penciled, netted and veined with golden yellow, crimson and purple. In bloom from July until frost. From a low base of leaves rise slender wiry stalks about 24 inches high of brilliantly colored flowers. Pkt. 10c, $\frac{1}{8}$ oz. 40c.

SCABIOSA (Imperial Giants) (a)

An old favorite, greatly improved in the size and color of flowers as well as length of stems making them one of the most popular of the easily grown annuals for the garden composed entirely of broad, heavy wavy petals eliminating the pin cushion center entirely. Because of its complete doubleness the flowers are extremely large, colors range from pale pink to deep maroon. Mixed. Pkt. 10c, $\frac{1}{4}$ oz. 50c, $\frac{1}{2}$ oz. 85c.

SCHIZANTHUS (Butterfly Flower) (a)

Beautiful bushy plants with finely laciniated foliage and hundreds of butterfly-like blooms of many colors, prettily marked and blotched with contrasting colors. For beds, borders and pot culture, $1\frac{1}{2}$ ft. tall. Pkt. 10c, $\frac{1}{8}$ oz. 35c.

SHASTA DAISY (p)

This is a hardy perennial, bearing large white single blooms with handsome yellow centers. Flowers 4 to 5 inches across, plants 18 inches tall, especially pleasing in bouquets blooming during June and July. Pkt. 10c, $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 50c.

SNAPDRAGON (Antirrhinum) (a)

SUPERGIANTS (Rust Resistant)—Fascinating flowers with their interesting form and glowing colors, very easy to grow and will bloom continuously until frost. Splendid for bedding. The plants grow bushy 24 inches tall.

Copper Shades—Bronze brown.

Crimson—Fiery crimson.

Loveliness—Soft pink.

Snowflake—White.

Canary Bird—Yellow.

Any one above—Pkt. 15c, $\frac{1}{8}$ oz. 75c.

Mixed Colors—Pkt. 10c, $\frac{1}{8}$ oz. 40c.

STOCKS (a)

TEN WEEKS—Plants 2 feet high, bear numerous large spikes of double, fragrant flowers of blood-red lilac, white, rose, scarlet, light and dark blue, creamy white and pink. Pkt. 10c, $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c.

GIANT BISMARCK or IMPERIAL—One of the best stocks for outside planting; of pyramidal form, strong and robust, gives large double flowers. A splendid sort for cutting. Mixed colors. Pkt. 10c, $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.00.

SWEET WILLIAMS (biennial)

Large, showy flower heads, composed of numerous good-sized individual blooms, similar to Pinks. Bloom during May and June. 1 to $1\frac{1}{2}$ ft. high.

SINGLE MIXED—Pkt. 10c, $\frac{1}{4}$ oz. 30c, $\frac{1}{2}$ oz. 50c.

DOUBLE MIXED—Pkt. 10c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 70c.

SUNFLOWER (a)

SUN GOLD—This sunflower makes a brilliant sea of color as all the plants burst into bloom on the same day. If planted in May will flower early in August. Blooms are all doubles, pure deep yellow. 5 feet tall. Pkt. 10c, $\frac{1}{4}$ oz. 30c, $\frac{1}{2}$ oz. 55c.

THUNBERGIA (Black Eyed Susan)

A rapidly growing little vine for hanging baskets and boxes. Very pretty flowers of orange, yellow and white with large black centers. Pkt. 10c, $\frac{1}{4}$ oz. 75c.

VERBENA (a)

Colorful, dwarf plants, ideal for edgings, ground cover, rock gardens and porch boxes. The flowers are borne in large trusses from midsummer until late fall. Of robust, spreading growth, 8 to 12 inches high, $2\frac{1}{2}$ ft. and more across.

HYBRIDS—Large flowering. A splendid mixture of richest colorings and immense blooms.

Pkt. 10c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c.

VIOLA (Tufted Pansy) (a)

For rock gardens, beds or borders, these splendid plants are very popular. Violas bloom profusely from June until frost, their colors are clear and distinct. A splendid mixture of the best varieties. Pkt. 25c.

VIOLETS

SWEET SCENTED—They are so easily raised from seed, and need so little attention, that if you plant them in a cool, moist, sheltered position, you will be repaid doubly by the sweet-scented blooms in early summer. Sow in early spring when the ground is warm. Pkt. 10c, $\frac{1}{8}$ oz. \$1.50, $\frac{1}{4}$ oz. \$2.50.

WALLFLOWER (p)

Rich orange and yellow; fragrant, stock-like flowers for bedding; 1 ft. high. Bloom early in spring.

Pkt. 10c, $\frac{1}{4}$ oz. 25c, $\frac{1}{2}$ oz. 40c.

SWEET PEAS

These fine late Spencer types are the most popular for summer blooming. They are huge size, delicately waved and scented and produce three or four flowers on each stem.



GIANT SUMMER FLOWERING SPENCERS

SPENCER'S "BUTTERFLY" or "ORCHID FLOWERED."

- BLUE BIRD**—Rich deep blue.
CAPTAIN BLOOD—Brilliant blood scarlet.
DEBUTANTE—Coral.
ELSTREE—Bright pink on cream ground.
HIGHLANDER—Pure lavender.
JUMBO—Deep cerise.
KAMES—Pure white.
OTHELLO—Deep maroon.
SHIRLEY TEMPLE—Clear rose-pink.
TREASURE—Deep rich mauve.

Any one above—Pkt. 10c, oz. 35c, ¼ lb. \$1.00.

**SPECIAL COLLECTION OF BUTTERFLY OR ORCHID
FLOWERING SWEET PEAS**

Ten full sized packets, all separate colors. Postpaid, 75c (regular price \$1.00).

SWEET PEAS IN MIXTURE

PERFEGRO BLEND of RESELECTED SPENCERS—Made up from our complete list of named varieties. Pkt. 10c, oz. 30c, ¼ lb. 80c, lb. \$2.75.

EXTRA EARLY FLOWERING SPENCERS—All the best early flowering varieties. Pkt. 10c, oz. 30c, ¼ lb. \$1.00.

SPENCERS MIXED—Pkt. 10c, oz. 20c, ¼ lb. 65c, lb. \$2.00.

CUTHBERTSON SWEET PEAS**Heat Resistant**

Plants are quite vigorous and produce a heavy crop of large, long-stemmed blooms. Heat resistant and therefore especially adapted to localities where Sweet Peas have been more or less unsuccessful.

- BILLY**—Bright and lovely carmine-rose.
COLINE—A most attractive shade of scarlet.
EVELYN—Beautiful delicate tones of salmon pink and cream.
FRANK G.—An attractive rosy-lavender.
HAZEL—Light blue.
JANET—Pure white.
KENNETH—Oxblood crimson.
LOIS—Light rose pink on white.
MARION—Light creamy white.
TOMMY—Most pleasing clear lobelia-blue.
ALL COLORS MIXED—A mixture of the above colors.

Pkt. 10c, oz. 35c, ¼ lb. \$1.00, lb. \$3.00.

**SPECIAL COLLECTION OF CUTHBERTSON
SWEET PEAS**

Ten full sized packets, all separate colors. Postpaid 75c.

ZINNIA**GIANT DAHLIA-FLOWERED ZINNIAS**

These are a grand giant-flowering strain of high quality. The plants are exceedingly vigorous, growing fully 3 feet high.

- CANARY BIRD**—A delicate shade of primrose.
CRIMSON MONARCH—Rich crimson.
DESERT GOLD—Yellow turning to rich orange.
DREAM—Unusual shade of deep lavender.
EXQUISITE—Light rose with dark rose center.
ILLUMINATION—Deep rose.
ORIOLE—Orange and gold bi-color.
POLAR BEAR—Very large white.
PURPLE PRINCE—Deep purple.
SCARLET FLAME—Bright scarlet.
WILL ROGERS—Dark scarlet.

Any one above—Pkt. 10c, ⅓ oz. 30c, ¼ oz. 50c, oz. \$1.50.

DAHLIA FLOWERED MIXTURE—A mixture of the above colors. Pkt. 10c, ¼ oz. 30c, ½ oz. 55c, oz. \$1.00.

**SPECIAL COLLECTION OF GIANT
DAHLIA-FLOWERED ZINNIAS**

Six full-size packets of the separate colors listed on this page, value 60c. Your choice for 45c.

OTHER ZINNIAS

DWARF OR BABY ZINNIAS—Small double flowers, about 1½ inches across of many bright shades, ranging from white to deep red, excellent for cutting, as they have long stems. Plants 1½ ft. tall. Pkt. 10c, ¼ oz. 35c.

CALIFORNIA GIANTS—Enormous double flowers, 6 to 8 inches across, with very long stems. Centers very small and most of the flowers carrying a two-tone effect shading to a darker color at the center of the flower. Pkt. 10c, ¼ oz. 35c, oz. \$1.00.

FANTASY—It is of the curled and crested type, with blooms of medium size having shaggy ray-like petals, giving it a delicate and refined appearance. Color range includes reds, yellows, orange and pastel pinks and creams. Plants are 2 to 2½ feet tall, free-flowering. Pkt. 10c, ⅓ oz. 35c.

SCABIOSA FLOWERED—Mixed colors. A new form. On a single corona of outside petals stands a semi-globular crown with a large number of small florets giving a most interesting effect, similar in form to the flowers of the Scabiosa. Pkt. 10c, ⅓ oz. 35c.

PEPPERMINT STICK—New candy striped zinnia, with fully double striped blooms. Color combinations of red and white and yellow, pink, orange and white make a grand show in your garden and as cut flowers. Flowers medium sized on 3 ft. plants that bloom profusely until frost. Postpaid—Pkt. 10c, ⅓ oz. 30c, ¼ oz. 50c.

BLAZE—All American Winner—The brilliant, rare coloring of flaming red and orange radiates from the informal fluffy, quilled petaled double flowers that grow 5 inches across, good length stems make Blaze highly desirable for cutting. Pkt. 25c, ⅓ oz. \$1.00.



ZINNIA, FANTASY

FLOWERING AND ORNAMENTAL SHRUBS

Greatly in demand for specimen use on lawns, for hedges and for making permanent background effects. Some are valuable as cut-flowers and others for their ornamental foliage. Every home-owner has room for selected shrubs which grow in beauty and usefulness from year to year with the least possible damage than any other plants.

Figures in parenthesis are the general height at maturity. All shrubs postpaid. No plants or shrubs sent C.O.D.

ALMOND

PRUNUS GLANDULOSA—Double Flowering—(4 to 5 ft.) The blossoms are double like roses, set closely on the twigs and appear before the leaves in the early spring. Pink. Each \$1.65.

ALTHEA

HIBISCUS SYRIACUS—Rose of Sharon—(10 to 12 ft.) The Altheas are fine, free-growing flowering shrubs of very easy cultivation. Desirable on account of flowering in August and September, when nearly every other shrub or tree is out of bloom. Perfectly hardy and can be had in various colors if desired. We can supply RED, PINK, WHITE or PURPLE. Each \$1.25.

BARBERRY

The Barberries are low growing shrubs especially good for front or shrubbery borders and foundation planting.

BERBERIS THUMBERGI—Japanese—(4 to 5 ft.) Has small light green leaves, which turn to rich colors in autumn, and its wealth of scarlet berries make it very attractive. Each \$1.25.

ATROPURPEA—Red Leaved—(3 to 6 ft.) Has bronzy-red foliage at all seasons; in mid-summer or fall turning a brilliant red. Each \$1.50.

BEAUTY BUSH

KOLKWTZIA AMABILIS (6-8 ft.)—A very graceful and pleasing hardy shrub, leaves soft green, tinted with bronze. Flowers bell shaped of clear pink, in clusters similar to lilacs. Each \$1.50.

BUTTERFLY BUSH

One of the best of the late summer and fall blooming shrubs. Dies back to the roots each winter, but grows to 4 to 5 feet each year. From July until frost are covered with a wealth of flowers.

CHARMING—Long sprays covered with lavender-pink blooms, fully rounded. Each \$1.25.

DUBONNET—A new dark wine, dubonnet colored buddleia with firm large spikes that do not sunburn. Each \$1.25.

WHITE—A white Buddleia carrying 8 inch spikes of fully rounded-out blooms. Splendid for cut flower purposes. Each \$1.25.

RED—Long flower spikes of rich dark royal purple. Each \$1.25.

CORALBERRY

SYMPHORICARPOS (Chenaulti)—6-8 ft.) An improved variety with very small leaves, graceful arching branches, pink flowers followed by red fruit. Each \$1.25.

COTONEASTER

ACUTIFOLIA (Peking)—(10-12 ft.) A very attractive shrub with glossy dark green leaves that turn a brilliant red in the fall. Stands shearing well and grows in shady areas. Each \$1.25.

DOGWOOD

CORNUS—Alba Siberica (Coral Dogwood)—(8 to 12 ft.) Has clusters of fine white flowers, succeeded by a fall crop of ornamental berries; stem and branches blood red. Each \$1.25.

FLOWERING CRABS

BECHTEL'S DOUBLE FLOWERING—A low, bushy tree, the most beautiful of all the fine varieties of Flowering Crabs. At a distance the tree seems to be covered with dainty little roses of a delicate pink color. Blooms when quite young. The flowers are exceedingly fragrant. 2 to 3-foot tree. Each \$2.50.

HOPA RED FLOWERING CRAB—A beautiful upright growing tree with attractive foliage. Entirely covered with rose colored flowers in April. Fruit red inside and out, hanging on until late autumn. Very hardy and free from disease. Each \$2.50.

FORSYTHIA

Forsythias are among the showiest spring-blooming shrubs. They are not particular as to soil.

GOLDEN BELL (Spectabilis)—(5 to 8 ft.) Springtime's earliest flowering shrub bears great masses of bright yellow flowers before the leaves appear. Each \$1.25.

GOLDEN ELDER

Golden yellow leaves gives colorful effect among plantings of other shrubs. Likes partial shade. Flowers white in flat topped cymes, followed by black berries, very attractive to birds. Can be kept pruned. (8-10 ft.) Each \$1.25.

HANSEN'S BUSH CHERRY

The Bush Cherry combines two useful qualities, a beautiful ornamental shrub that produces delicious, wholesome fruit. In early spring is a mass of snow-white flowers followed by plum-shaped sweet cherries. Foliage is silvery green turning to rich red and gold in the fall. Each \$1.25.

HONEYSUCKLE

LONICERA—Tatarica Rosea (Pink Tatarian)—(8 to 10 ft.) A hardy, vigorous grower. With pink flowers in April or May. Red fruit. Each \$1.25.

TATARICA RUBRA (Red Tatarian)—(6 to 8 ft.) Very hardy and upright with rosy-pink flowers in April. Bright red fruit. Each \$1.25.

HYDRANGEA

ARBORESCENS GRANDIFLORA—Snowball—(3 to 6 ft.) Hardy shrub with snowy-white blossoms of largest size from early June until late July. Thrives in shady places. Each \$1.50.

PANICULATA GRANDIFLORA—Peegee—(8 to 10 ft.) A very hardy shrub with large trusses of showy double white flowers, blending into pink and bronze shades in autumn. Plant in shade. Each \$1.50.

JAPANESE SPINDLE TREE

EUONYMUS ALATUS (Winged Eonymus)—(10-12 ft.) Interesting corky bark, dark green leaves turning to brilliant crimson in autumn. Yellow flowers in early June. Each \$2.50.



BECHTEL'S DOUBLE FLOWERING CRAB

ALL ITEMS ON THIS PAGE ARE POSTPAID — AVAILABLE IN SPRING ONLY

FLOWERING AND ORNAMENTAL SHRUBS—Continued

JAPANESE QUINCE

CYDONIA JAPONICA—Flowering Quince—(5 to 6 ft.)—Very early in spring this fine old shrub is completely covered with dazzling scarlet flowers; followed by small, quince-shaped fruits, which are quite fragrant. Growth bushy with protecting thorns. Each \$1.25, 3 for \$3.50.

JETBEAD

RHODOTYPOS KERRIODIES (White Kerria)—(4.5 ft.) Bright green foliage, single white flowers in May, followed by black shiny fruit in autumn and winter. Each \$1.50.

KERRIA

JAPONICA—(4.6 ft.) Splendid for foundation plantings as it can be kept low, does well in shady areas. Branches are slender and stay green all winter. Flowers single, orange yellow from June until September. Each \$1.50.

LILAC (Syringa)

Probably one of the most popular ornamental shrubs. They thrive in fertile rather moist soils.

CHINESE ROTHOMAGENSIS—(8 to 10 ft.) An improved Persian type, upright grower, with dark reddish purple flowers. One of the best for general planting on account of its free blooming qualities and hardiness. Each \$1.50.

VULGARIS or COMMON—(12 to 15 ft.) Hardy popular shrub that blooms freely. Single flowers in large panicles during April and May.

White—Each \$1.25.

Purple—Each \$1.25.

FRENCH HYBRID LILACS

Larger flowers, improved form of bush and more penetrating fragrance, with less tendency to sucker, feature these new type French Hybrids.

BELLE de NANCY—Double florets of deep rose with white centers. Each \$1.75.

CHARLES X—Single red, very profuse blooming qualities, and one of the very best for cut flowers. Each \$1.75.

LUDWIG SPAETH—Single, very dark, shading from purple to maroon red, one of the darkest shades grown. Each \$1.75.

MME. LEMOINE—Double pure white. Each \$1.75.

MOCK ORANGE

PHILADELPHUS—*Coronarius*—Sweet Syringa—(8 to 10 ft.) A well-known shrub with pure white, sweetly scented flowers, blooming in May. Each \$1.50.

VIRGINAL—(7 to 8 ft.) Loaded down with beautiful fragrant semi-double flowers over a long season, beginning in May. Each \$1.50.

NINEBARK

PHYSOCARPHUS OPULIFOLIUS—(8-10 ft.) Produces lovely white flowers in June, reddish berries turn dark purple during summer. Fall coloring of foliage is brilliant red and yellow. Each \$1.25.

ORNAMENTAL PLUMS

PURPLE LEAVED PLUM (*Prunus Cistena*)—(5 to 6 ft.) A dwarf hardy shrub with rich purple red foliage, excellent to plant with other shrubs for color contrast. Each \$2.25.

NEWPORT PLUM—(15 to 20 ft.)—Hardy upright shrub with reddish purple leaves tipped with red. Wonderful background for green shrubs or corner plantings. Each \$2.25.

SNOWBALL

VIBURNUM—*Opulus Sterilis*—Common Snowball—(10 to 12 ft.) A favorite shrub, with globular clusters of white flowers the latter part of May. Each \$1.50.

SUMAC

RHUS TYPHINA LACINATA—Stag Horn Sumac—(10 to 12 ft.) One of the best species for mass or other planting on account of its deeply cut, beautiful fern-like leaves. Its flowers are borne during June and July in dense, terminal panicles, followed by impressive dark red fruits. Each \$1.25.



SPIRAEA THUNBERGI

SPIREA

FROEBEL—(4 ft.) Vigorous and spreading grower with bright pink flowers in May and June. Has purplish tips in the spring and beautiful autumn colors. Each \$1.25, 3 for \$3.50. Postpaid.

PRUNIFOLIA (True Bridal Wreath)—A hardy shrub with perfectly formed double white flowers along the stems. Blooms about a week later than Van Houttei. Each \$1.25, 3 for \$3.50.

THUNBERGIA—(4 ft.) A hardy shrub of medium height. Slender spreading branches with feathery bright green foliage. Pure white flowers in early May. Each \$1.25.

VAN HOUTTE—Bridal Wreath—(5 to 6 ft.) Well known, popular shrub with graceful habit of growth. Pure white flowers in April.

2 to 3-foot shrubs—Each \$1.25.

3 to 4-foot shrubs—Each \$1.50.

PLANTS FOR HEDGES AND SCREENS

For a nice ornamental hedge plant 12 to 18 inches apart. For a real pretty effect plant in double row, 10 inches apart and alternate the plants. To make a close hedge, cut back the plants the first and second years in order to start many shoots.

ENGLISH PRIVET—A hardy plant with dense glossy deep green foliage, almost evergreen. Can be sheared to make a dense hedge any height desired. 25 to bundle \$4.50, 100 for \$40.00.

LODENSE PRIVET—(30-inch.) Foliage glossy green, and almost evergreen; plants of dense upright growth, excellent for low borders. 25 to bundle \$15.00, 100 for \$50.00, f.o.b. Denver.

HONEYSUCKLE HEDGING (Tatarian)—A very hardy, strong growing hedging that will grow in high altitudes. Flowers early in spring with red berries. Will grow to a height of 10 feet but can be kept trimmed to any height desired. 25 to bundle \$11.50, 100 for \$40.00, f.o.b. Denver.

ARCTIC WILLOW (Dwarf Blue)—(3-4 ft.) Charming low growing willow suited for hedges and borders, very hardy. 10 for \$4.50, 25 for \$10.00, f.o.b. Denver.

CHINESE ELM SEEDLINGS—One of the most rapid growing hedges, very durable and hardy, grows anywhere and is one of the best for dry climates. Slender tough branches, compact habit of growth with small attractive leaves.

18-24 inch—25 for \$2.00, 100 for \$7.50, f.o.b. Denver.

24-36 inch—25 for \$3.00, 100 for \$10.00, f.o.b. Denver.

3-4 feet—25 for \$4.00, 100 for \$12.50, f.o.b. Denver.

RUSSIAN OLIVE SEEDLINGS—Attractive silver grey leaves, with small yellow flowers in June, very fragrant. Desirable for mass plantings, hedges, and windbreaks.

15-18 inch—25 for \$3.00, 100 for \$10.00, f.o.b. Denver.

AVAILABLE IN THE SPRING ONLY

TALL BEARDED IRIS

Bearded irises are the best known of the garden sorts. They are plants of varying stature and size, but all characterized by stout rhizomes, more or less evergreen foliage and brilliant flowers in many shades, each flower bearing on the falls a linear beard of various colors, though commonly yellow. Are of easy culture, prefer shallow planting in sunny, well drained locations in a deep, well worked soil.



BEARDED IRIS

45c each; 5 for \$2.00.

On orders of \$3.00 or more we will pay the postage.

- ALADDIN'S WISH**—40 in. Light blue with touch of cream.
ANGELUS—36 in. Finest orchid pink, mauve falls.
AZURE SKIES—36 in. Pale azure blue with white beard.
BEVERLY—38 in. Deep pink with brown edges.
BLUE RHYTHM—36 in. A lovely corn-flower blue with silvery overtones.
BLUE SHIMMER—38 in. Clear blue edged with crisp white dots.
BLACK WINGS—40 in. Lustrous deep purple.
CITY OF LINCOLN—36 in. Large yellow flowers with mahogany markings.
COPPER PINK—38 in. Soft rose, flushed with sparkling copper.
COPPER ROSE—40 in. Deep pink with shadings of copper throughout the petals.
DUSTY BOY—36 in. Standards are coppery orange with brown-orange falls.
EROS—42 in. The best salmon-pink yet introduced. Throat touched with gold.
FAIR ELAINE—36 in. Yellow bi-color of creamy yellow standards with deep golden yellow falls.
FLORA CAMPBELL—38 in. Glowing tones of red, brown and salmon.
GALLANTRY—34 in. Medium deep blue with wide ruffled falls.
GRAND CANYON—40 in. A blend of deep tones of plum, copper with gold. Delicately ruffled edges.
GREAT LAKES—48 in. A clear medium blue of immense size.
GYPSY—44 in. Copper gold standard with falls of solid chestnut brown.
JEAN CAYEAUX—36 in. Havana and coffee brown.
INDIAN HILLS—36 in. Lustrous rich velvety purple.
LADY MOHR—36 in. Oyster shell white infused with lavender, falls seafoam green.
LADY OF SHALLOT—34 in. White ground with standards heavily flushed rose pink. Falls edged with pink dots.
LAVENDER AND GOLD LACE—36 in. Golden yellow standards, falls lavender edged in gold delicately ruffled.
LILIMANI—36 in. An unusual deep violet with deep yellow beard.
MOONLIGHT SEA—36 in. White flushed with violet and gold.
NATIONAL WHITE—48 in. Pure white with extra broad falls.
NYLON—36 in. Copper tan self with heavy gold beard.
OLA KALA—36 in. Deep yellow, heavily ruffled.
OSSAR—38 in. A vigorous dark brown red touched with gold.
PALE PRIMROSE—40 in. Cool primrose-yellow with deep yellow at throat.
RED DOUGLAS—36 in. Rosy wine red, with orange beard.
RED GLEAM—36 in. One of the closest approaches to true red, brilliant and velvety with a chestnut cast.
RED TORCH—38 in. Deep bronze gold, with falls of pure velvety red.
ROCKET—38 in. A fine golden orange self.
ROSY WINGS—36 in. Intriguing rosy red and crimson brown.
SABLE—36 in. Deep blue black with blue beard.
SALMON SPLENDOR—30 in. A prolific flowering salmon, shaded with pink and gold.
SILVER SUSIE—60 in. Very tall pure white.
THELMA JEAN—34 in. A rich shade of petunia violet.
THE SENTINEL—34 in. A brilliant burnished copper orange.
VAGABOND PRINCE—36 in. Large velvety flowers of black-purple.
WAR EAGLE—38 in. Daphne pink with carmine falls.
WEST POINT—38 in. A two-tone flower with standards of bright indigo blue and falls of deep indigo blue.
WHITE CITY—42 in. An immense silky flower of blue white with a deeper blue flush at the throat.
WHITE WEDGEWOOD—40 in. Bluish white iris with blue beard, flowers large.
WILLIAM A. SETCHELL—42 in. Large rich royal purple.

SPECIAL COLLECTION OF IRIS

Growing beautiful Iris is easy for the inexperienced as well as the professional. Iris are not bothered by garden infections, have a long blooming season, are very hardy and will thrive in any garden soil. Make beautiful cut flowers.

10 fancy Iris roots, all different new colors chosen to give you a wide range of flowers, no duplications. All labeled, and top quality. Our selection from the varieties listed on this page for \$2.69, postpaid.

The Following Varieties 75c each; 3 for \$2.00.

On orders of \$3.00 or more we will pay the postage.

- AMADINE**—36 in. Delicate creamy lemon yellow self, very ruffled.
ARABIAN NIGHTS—42 in. Very tall, honey tan, with dark colored stems.
BLUE VALLEY—40 in. Large ruffled true blue.
CASCADE SPLENDOR—36 in. A blend of coppery pink and bright tan. Flowers extra large.
CHAMIOUS—36 in. Pure chamois with yellow beard tipped with bronze.
CHIVALRY—38 in. Satiny medium blue, ruffled huge flowers.
COURIER—30 in. Flamingo pink with deep tangerine beard.
FIRE CRACKER—30 in. Brilliant dark burgundy red marked plicate with a yellow trim.
GARDEN FLAME—38 in. Deep rose mahogany with deep rose and brown markings.
GOOD NEWS—33 in. Mustard-gold self with a narrow band of copper shading on edges.
GYPSY ROSE—38 in. Rich tapestry red infused with copper.
IVORY PRINCESS—40 in. Warm ivory self without markings.
MARATHON—38 in. Rich, smooth blending of apricot, buff and orange.
MEXICO—38 in. Blended bi-color of gold and red brown bordered with golden buff.
NEW HORIZON—33 in. Peach pink self with tangerine beard.
PAINTED DESERT—40 in. Soft golden tan, with brown markings at throat, with violet patch at beard.
RAINBOW ROOM—30 in. A blend of yellow and all the rainbow colors, accented with blue on the falls.
SOLID MAHOGANY—36 in. Deep mahogany red with deep bronze gold beard.
THREE OAKS—40 in. Massive rose pink blended with copper.

TIME OF SHIPMENT

Shipment of Bearded Iris will begin July 1, 1956
and end October 1, 1956

HARDY CLIMBING VINES

- AMPELOPSIS VEITCHI**—Boston Ivy—This is one of the finest hardy climbers we have for covering walls, as it clings firmly to the smoothest surface, covering closely with overlapping foliage. The color is a fresh deep green in summer, changing to the brightest shades of crimson and yellow in autumn. Each \$1.25.
CLEMATIS JACKMANI (Large Flowered Variety)—It is a strong grower, and produces a mass of intense violet-purple flowers from July on. They delight in rich soil and sun. Each \$1.50.
JAPONICA HALLEANA—Rapid growing vine with beautiful foliage. Delightfully fragrant, creamy white flowers. Each \$1.25.
SILVER LACE VINE (Polygonum Auberti)—A hardy quick growing vine, doing well in almost any situation. Covered in late summer and fall with mass of creamy-white sprays. Each \$1.50.
TRUMPET VINE (Bignonia Radicans)—Very hardy and rapid grower. Used for covering unsightly places, stumps, or wherever a showy flowering vine is desired. Produces clusters of trumpet-shaped, orange-scarlet flowers about 3 inches long. Each \$1.25.
WISTERIA (Purple)—A tall, vigorous, rapid climber. Has lilac-purple, pea-shaped flowers in June. Each \$1.25.
WINTERCREEPER (Euonymus Radicans)—A trailing evergreen that can climb to 10 ft. or more on a rough surface. Leaves a deep shiny green. If in a protected area will keep its leaves all winter. Postpaid, Each \$1.25.

HARDY EVERBLOOMING ROSES

Roses are ready for delivery April 1
Our Bushes Are All Hardy Two-Year-Old, Field Grown Stock

The following list is composed of new and sensational roses, all of considerable merit. Also more established and better known varieties. No Plants Sent C.O.D.



MIRANDY (Pat. 632)

BLANCHE MALLERIN (Pat. 594)—Large flowers of pure white, very uniform and long lasting, very free and continuous bloomer. Each \$2.00.

CHARLOTTE ARMSTRONG (Pat. 455)—Unique color with long, slender blood-red buds opening to brilliantly colored open flowers of spectrum red. Each \$2.00.

CHRISTOPHER STONE—Lovely, long-pointed buds open to vivid scarlet blooms overlaid with velvety crimson. Each \$1.25.

CHRYSLER IMPERIAL (Pat. 1167)—AARS 1953—Rich crimson red, very fragrant flowers 4½ to 5 inches across when fully open. Long stems, heavy dark green foliage. Each \$2.50.

CONDESA DE SASTAGO—A marvelous colored rose with large cupped flowers of deep golden yellow on outside of petal, copper rose and scarlet on the interior. Each \$1.25.

COUNTESS VANDAL—Long pointed bud, colors pink, copper, gold and salmon, a truly beautiful rose. Each \$1.25.

CRIMSON GLORY—Color deep crimson, a "glory" rose, glorious in its perfect form, large size and fragrance. Each \$1.25.

DUQUESA DE PENERANDA—The huge pointed buds are double orange apricot with deep coppery tones, sweetly perfumed and long lasting. Each \$1.25.

E. G. HILL—Buds ideal, long and pointed on good stout stems, open into a full double bloom of crimson scarlet which retain their color until petals fall. Each \$1.25.

ECLIPSE—Long streamlined bud, rich golden yellow without shading. Each \$1.25.

ETOILE DE HOLLANDE—Dark velvety-red with fine fragrance. Each \$1.25.

FORTY-NINER (Pat. 972)—The outside of the petals are dazzling chrome-yellow, with the inside face of the petals a vivid orient red. Each \$2.25.

GIRONA—Here is one of the most fragrant roses in existence and one of the best of all Garden Roses for cutting. Very strong growing with good foliage and superb blooms of a beautiful red and yellow combination. Each \$1.25.

HADLEY—Very large, well formed flower of rich crimson, very fragrant. Each \$1.25.

HELEN TRAUBEL (Pat. 1028)—Long pointed buds and flowers of deep pink to apricot base. Free blooming, vigorous. Each \$2.50.

K. A. VICTORIA—In bud form the color is cream white but the open flower is snow white with a tint of lemon at the center. Each \$1.25.

LOWELL THOMAS (Pat. 595)—Buds large long pointed; flowers large, very double clear canary yellow. Each \$2.00.

MARGARET McGREDY—Large flowers of orange scarlet, free blooming and extra fragrant. Each \$1.25.

MME. JULES BOUCHE—Fragrant white blooms, center shaded blush, very free blooming. Each \$1.25.

McGREDY'S YELLOW—Bright buttercup yellow, flowers large, very fragrant with dark green glossy leaves. Each \$1.25.

McGREDY'S IVORY—Long pointed ivory buds open carefully to a perfectly formed flower of creamy white. Each \$1.25.

PEACE (Pat. 591)—The large ovoid buds are yellow with watermelon pink picottee edging, the full open flower is cream yellow with a delicate over-all flush of pink. The blooms are 5 to 6 inches across, very double with 30 to 60 petals, its fragrance is mild and pleasant. Abundant bloomer. Each \$2.50.

MME. HENRY GUILLOT (Pat. 337)—A charming two toned rose, with artistic long urn shaped buds, of watermelon to raspberry-pink with golden base. Each \$2.00.

MRS. E. P. THOM—A deep lemon yellow rose, with perfect shaped buds, very fragrant, and a heavy, continuous bloomer. Each \$1.25.

MIRANDY (Pat. 632)—A strong free branching plant producing large, long pointed ovoid buds of rich dark red with black shadings, opening to Chrysanthemum red. The flower of 50 petals displays new beauties of form and is long lasting. Marvelously fragrant. Each \$2.00.

MOJAVE (Pat. 1176)—Completely new color combination of blended salmon, apricot and orange. Each \$2.75.

NIGHT—One of the darkest of all roses, deep crimson shaded black and maroon. Delightfully spicy clove and cinnamon fragrance. Each \$1.25.

POINSETTIA—Glowing poinsettia red, buds long pointed; large double open flowers, vigorous prolific bloomer, very fragrant. Each \$1.25.

PRES. HOOVER—The semi-double blooms are a combination of cerise-pink flame, scarlet and yellow. Each \$1.25.

PICTURE—Velvety clear rose pink with undertones of salmon; very double flowers. Each \$1.25.

PINK DAWN—Flowers are true pink touched with salmon rose at the base. Each \$1.25.

REX ANDERSON (Pat. 335)—Perfectly formed exhibition rose, slow open, delicate lovely ivory white. Each \$1.75.

SUTTER'S GOLD (Pat. 885)—Intensely fragrant flowers of velvety radiant yellow with copper veins. All America Rose Selection for 1950. Each \$2.25.

SHOWGIRL (Pat. 646)—Deep pink flowers, bud long pointed, opening to large very fragrant blossoms. Each \$2.00.

THE DOCTOR—Large, beautiful buds opening to enormous semi-double flowers of satiny-pink, fragrant. Each \$1.25.

TIFFANY (Pat. 1304)—The long pointed buds are deep pink with golden yellow shading at base, opens to a pleasing shade of phlox pink, very fragrant. Each \$2.75.

TALISMAN—A combination of shadings of gold, apricot yellow and deep pink, and as the petals unfold they become bright apricot with the reverse of the petals changing to deep rose pink. Each \$1.25.

TEXAS CENTENNIAL—Brick red with lighter center. Vigorous, upright grower. Each \$1.50.

VICTORIA HARRINGTON—Velvety, non-fading dark red buds with a golden sheen at center of flower. Each \$1.25.

WILL ROGERS—Dark velvety maroon, fragrant. Each \$1.25.

ALL ITEMS ON THIS PAGE ARE POSTPAID — AVAILABLE IN SPRING ONLY

GRANDIFLORA ROSES

The new Grandiflora class consists of varieties relatively tall in growth, free flowering, often with many flowers in clusters but with individual stems long enough for cutting. The flower size, though not necessarily as large as hybrid teas, is larger than the average Floribunda, with Hybrid Tea standard for bud and flower form.



BUCCANEER (Pat. 1109)

BUCCANEER (Pat. 1119)—Brilliant flowers of non-fading lasting clear yellow. Strong growing plant. Height about 3 ft. Each \$2.50.

CARROUSEL (Pat. 1066)—Continuous mass of glowing deep red flowers regardless of weather. Tall growing, rather upright. Mildew resistant. Each \$2.00.

QUEEN ELIZABETH (Pat. 1259)—Flowers of pure pink set off by glossy deep green foliage, blooms carried both singly and in clusters, exceptionally long stems. Each \$2.75.

MONTEZUMA (Pat. 1383)—Rich and arresting scarlet orange color that gives unusual appeal to both the long tapering buds and the exquisite large double blooms. Easy to grow, big sturdy handsomely foliaged, with an almost unbelievable profusion of flowers borne singly in long stemmed clusters. Each \$2.75.

ROUNDELAY (Pat. 1280)—You'll get many times the flowers that you would from any average Hybrid Tea, each luminous red bud and long lasting high centered bloom is as lovely and as fragrant as anything you could ask for. Flowers born in clusters on long stems.

DEAN COLLINS (Pat. 1279)—Orange red buds open to full, double, long lasting blooms of luminous rose-opal and carmine. Very vigorous with good foliage. Each \$2.50.

BABY ROSES

Dwarf Polyantha and Floribunda Type

BABY CHATEAU—Deep red flowers borne in large clusters. Plants about 24 inches tall. Each \$1.25.

BETTY PRIOR (Pat. 340)—Clusters of carmine-pink, flowers are single with deeper shadings on back of petals. Each \$1.50.

DAGMAR SPATH—Produces masses of pure white flowers with yellow stamens. Ideal for a bedding rose. Each \$1.25.

EUTIN—Large clusters of very double deep red flowers on a vigorous mildew resistant bush. Each \$1.25.

FASHION (Pat. 789)—Fascinating new Floribunda of coral pink overlaid with gold, oriental red buds open into 3½-inch blooms of clear coral. Bushy 3-ft. plants produce large clusters of delightfully fragrant flowers all season. Each \$2.00.

FLORADORA—One of the most scintillating red Floribunda roses that we have ever seen. It is that sparkling shade which immediately stops the eye. Grows to 30 inches tall and is true Floribunda style. Buds are perfect and hold well on the plant after cutting, bloom continually from June until freezing fall weather. Petals have wavy rippling edges. Each \$1.25.

GLACIER (Pat. 1025)—Has clusters of large frost white flowers of good size, very fragrant. Each \$2.00.

GOLDILOCKS (Pat. 672)—Deep yellow buds and flowers, borne in clusters. Plants are vigorous, very bushy, and in continuous bloom. Each \$1.50.

IMPROVED LAFAYETTE—This is an excellent polyantha with large bright cherry-red flowers. Each \$1.25.

JIMINY CRICKET (Pat. 1346)—A Floribunda which features tangerine red buds, opening to coral orange and finishing in a pink coral. It has a pleasing old rose fragrance. Ideal for hedges and its prolific blooming habit qualifies it as an outstanding color mass or border edge. Each \$2.25.

CIRCUS (Pat. 1382)—Perfect buds of bright yellow and orange. High-centered flowers display ever-changing tones of yellow, buff, pink and bright red. Compact growth with good foliage. Each \$2.50.

LIPSTICK—Small semi-double cupped flower, deep cerise shaded salmon, slightly fragrant, bushy, free, recurrent bloom. Each \$1.25.

LILIBET (Pat. 1209)—The 1954 All-America selection in this class. Produces radiant clusters of single flowers of exquisite pink tones. Each \$2.00.

MA PERKINS (Pat. 1143)—This very free blooming Floribunda rose with its sweetly pungent fragrance. A suffusion of yellow is present in all the early stages of bloom, with aging comes a soft coral shell pink with shades of red in outer petals. Each \$2.00.

PINOCCHIO (Pat. 484)—The plants are literally covered from spring to frost with great quantities of beautiful salmon pink flowers flushed with gold. Buds are perfect in shape, and make beautiful corsages. Plant is compact and upright. Each \$1.50.

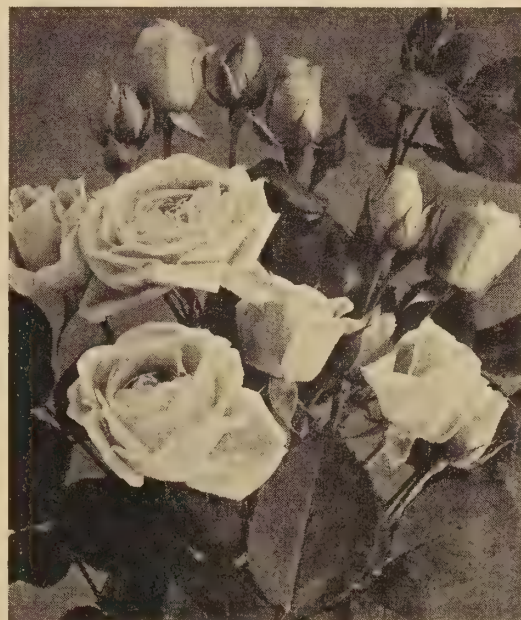
RED PINOCCHIO (Pat. 812)—A new red Floribunda rose with its miniature perfectly shaped Hybrid Tea flowers of deep satiny carmine borne in clusters. Each \$1.50.

RED RIPPLES—Semi-double flowers of carmine red. Plants about 2½ ft. tall. Flowers in clusters. Each \$1.25.

ROSE ELFE—Very double high-centered flowers of La France pink; borne in clusters. Each \$1.25.

YELLOW PINOCCHIO (Pat. 992)—Produces perfectly shaped buds and flowers of apricot yellow, in large heads, very fragrant. Each \$1.50.

VOGUE (Pat. 926)—New Floribunda with brilliantly glowing cherry coral color. Individual flowers 3 to 4 inches in diameter, are Hybrid Tea shaped with perfect high centered form. Rich spicy fragrance. Each \$2.00.



PINOCCHIO (Pat. 484)

ALL ITEMS ON THIS PAGE ARE POSTPAID — AVAILABLE IN SPRING ONLY

HARDY CLIMBING AND RAMBLER ROSES

CL. AMERICAN BEAUTY—Deep rose-pink blooms of large size, borne in groups of three and four blossoms on long stems. Blooms in spring only. A vigorous grower. **Each \$1.40.**

BLAZE—Everblooming scarlet-red climbing rose, a very vigorous grower. **Each \$1.40.**

DOUBLOONS—The large buff-yellow flowers with spicy fragrance are produced freely in early summer. Flowers are carried in clusters on strong stems. A very vigorous, hardy climber with 10 to 12-ft. canes. **Each \$1.40.**

CL. ETOILE DE HOLLANDE—(Everblooming)—The same beautiful dark red rose as in the bush form that has been a garden favorite for so long. **Each \$1.40.**

CL. MCGREDY'S IVORY—(Everblooming)—Large white double flowers, tinted with yellow at base. Very fragrant. **Each \$1.40.**

CL. NEW DAWN—(Everblooming)—Apple blossom pink flowers with old-rose fragrance. **Each \$1.40.**

PAUL'S SCARLET CLIMBER—Vivid scarlet blooms borne in clusters. Blooms in spring only. **Each \$1.40.**

CL. PRES. HOOVER—(Everblooming)—Large flowers of creamy yellow, tinted with flame pink. **Each \$1.40.**

CL. PINK DAWN—(Everblooming)—Perfect buds and flowers of clear warm pink, very fragrant. **Each \$1.40.**

CL. RED RIPPLES—(Everblooming)—Clear intense red open flowers, borne in clusters. **Each \$1.40.**

CL. TALISMAN—(Everblooming)—Flowers double, golden yellow with copper red on back of petals. Long stems. **Each \$1.40.**

CL. MRS. E. P. THOM—(Everblooming)—Considered one of the finest yellow roses grown, profuse blooming, strong climber and flowers are excellent for cutting. **Each \$1.40.**

CL. WHITE DAWN—Medium sized double fragrant flowers of pure white. **Each \$1.40.**

RUGOSA OR SHRUB ROSE

We group under this heading various types and species of Roses that are of strong habit of growth and will be found especially adapted to plant in mixed Shrubbery Borders, or in separate beds or groupings or as individual specimens in the garden.

AUSTRIAN COPPER—Single, brilliant orange-red flowers inside and yellow on the reverse of the petals. **Each \$1.40.**

F. J. GROOTENDORST—Small flowers of deep crimson-red borne in large clusters throughout the season. **Each \$1.40.**

LARGE FLOWERING CANNAS

For best results, plant about the end of May in beds, spaded two feet deep, enriched with well decayed manure. Water sparingly for first two weeks after planting, thereafter water liberally.



THE PRESIDENT—4 ft. Glowing red flowers with dark green foliage.

KING HUMBERT—5 ft. Velvety orange scarlet flowers with bronze foliage.

CITY OF PORTLAND—4 ft. Large flowers of a medium rose-pink with green foliage.

YELLOW KING HUMBERT—5 ft. Large canary yellow flowers with green foliage. **3 bulbs for 75c, doz. \$2.50, postpaid.**



DAHLIAS

Dahlias can be grown in any good soil but they will succeed best in an open sunny location. Plant when ground is warm and all danger of frost is past. Plant the bulbs 3 inches deep, laying the tuber on its side. Keep soil loose and mellow by frequent hoeing, drawing the soil to a slight hillock around the plants. 3 feet by 3 feet is about the proper distance to plant apart. After frost has killed the top, dig the tubers carefully; remove the soil from the roots and store in box or barrel secure from frost. As a precaution it is well to cover the tubers, so stored, with sand, leaves or moss. All clumps should be divided into several pieces before being reset the following spring.

DAHLIA COLLECTION

A wonderful assortment of choice bulbs of all types of the extra large flowering varieties. **12 bulbs for \$3.50, postpaid.**

POMPON DAHLIAS

The Pompon Dahlias grow to a height of 5 ft., producing small flowers from ½ to 3 inch across in miniature form of the large varieties. **12 bulbs for \$3.50, postpaid.**

DOUBLE CAMELLIA FLOWERED TUBEROUS BEGONIAS

Use as potted plants or in beds out of doors. For early spring blooming start them indoors, transplanting them out after danger of frost is over. Plants do best when planted in a shady location. Easy to grow, producing beautiful flowers all season. We can supply bulbs in white, orange, yellow, red, pink and salmon. **Each 25c, 12 for \$2.50. Postpaid.**

LILIES

REGALY LILY—Flowers white, slightly suffused pink with a beautiful shade of canary yellow at the center. Delightfully perfumed, reminding one of the Jasmine. Blooms early in July. Hardy. **Each 40c, 3 for \$1.00.**

DOUBLE TIGER LILY—A very colorful lily, blooms are double in form with unique recurring petals. Color is deep coppery orange with brown flecks. Flowers are borne in clusters on strong wirey stems, making them excellent for cutting. Hardy and vigorous growers. Bloom in August. **Each 40c, 3 for \$1.00.**



MIXED GLADIOLUS

GLADIOLUS

The Gladiolus is the most attractive of all the summer flowering bulbs; it should have a place in every garden, large or small. For a succession, plant from April till June. Plant 6 inches apart and 4 inches deep. They will grow and bloom in any soil; we have never known anyone to fail with them.

The following list represents the best of both new and old favorites, both as to range of color and size of blooms. All bulbs offered by us are Colorado grown, of blooming size and are sure to give complete satisfaction.

ABU HASSAN—Most popular dark pansy blue. Early, tall.

BLUE BEAUTY—Medium blue, opening 5 to 6 large florets on a good spike. Early.

BURMA—Most beautiful ruffled dark old rose with rich velvety red blotch, midseason, medium height.

CHAMOUNY—Deep rose with lighter margining on edge of petals. Mid-season.

CIRCE—Deep orange with cream throat, small red blotch in throat. Flowers large on good flower spikes.

COLUMBIA—White edged with deep rose, beautifully frilled. 6 to 8 florets open at once, flowers 4½ to 5 inches across.

DAISY MAY—Strong glowing orange pink with a rose-red blotch in throat. Tall grower. Mid-season.

DIEPPE—Magnificent ruffled salmon-scarlet with velvet texture. Midseason.

EVANGELINE—Pastel pink with soft cream throat, 9-10 perfectly placed 6-inch florets open at one time. Midseason.

FIREBRAND—A brilliant ribbon of fire-red. Tall spikes with 8-10 florets open at once.

FLORENCE NIGHTINGALE—Well placed ruffled white blooms on a long head. Tall husky grower. Midseason.

FLYING FORTRESS—A huge lavender-grey with small red blotch. Immense in size and usually 10 florets open at once.

GREEN LIGHT—Ruffled greenish cream, almost a chartreuse.

GOLDEN STATE—An early deep yellow, a tall grower, opens 8 large florets at one at one time.

HAN VAN MEEGEREN—Very rich pure golden yellow. Flowers are large, opening 5 to 6 florets at once, blooms early.

HIGH FINANCE—Smoky light orange gray with creamy throat. A beautiful color and one of the finest smokies. Opens up 9 lightly ruffled well placed blooms. Tall, late.

HOPMAN'S GLORY—Early blooming, tall bright yellow.

LIPSTICK—Beautiful ruffled shell pink with bright rose red blotch in throat.

MISS WISCONSIN—A beautiful rose-pink that will open up to 8 florets on an average spike at one time.

MODERN TIMES—Light wine-rose with 6-8 florets open at once. Late.

NEW YORK—Deep, rosy red, very striking and showy, flowers very heavily textured, strong straight spikes. Midseason.

OCTOBER SUNSHINE—Charming soft orange shading to yellow throat. Good straight stems, excellent for a fall crop. Midseason.

ORANGE GOLD—Deep orange with gold throat. Midseason.

PACTOLUS—Soft apricot cream with orange blotch, flowers perfectly placed, extra large with 8 florets open at once.

POLYNESIA—Purest salmon, with yellow blendings in throat, blotched deeper salmon, ruffled, 8 to 10 large florets open.

QUEEN OF THE NIGHT—Deep blue purple, almost black. Florets large and well placed on stems. Mid-season.

RED CHARM—Good clear red, opens 8-9 well placed florets.

SPOTLIGHT—Soft golden yellow with a small red blotch. Early.

SPIC AND SPAN—Tall ruffled, unusual medium deep pink with 8 blossoms open at once. Fine for exhibition.

TIVOLI—Very beautiful soft rose. Opens 8 to 10 well placed blooms on a tall plant. Late.

VALERIA—A velvety soft tone of light red with a flame throat.

SEPARATE COLORS OF PERFEGRO GLADIOLUS

2 bulbs for 25c, 10 for \$1.00, 100 for \$7.50. Postpaid
(50 supplied at the 100 rate.)

Blue Ribbon Mixture of Fine Gladiolus

This wonderful mixture of Gladiolus contains all the latest flowering types; with every color of the rainbow.

12 bulbs for 75c, 50 bulbs for \$2.50. Postpaid.

MINIATURE OR SMALL GLADIOLUS

A new type of Gladiolus, introduced several years ago, these produce flowers from 2 to 2½ inches across, usually 4 to 6 florets open at once with from 8 to 12 florets on a stem, growing about 30 inches tall.

BO PEEP—A dainty salmon pink that is probably one of the most popular of the small type glads. Ruffled.

CRINKLETTE—Beautiful heavily ruffled orange pink and yellow with feathered markings in throat.

CUPID—An elf of a glad with sculptured perfection of form and the waxiest, snowiest color, warmed by just a touch of cream in the throat.

GILT EDGE—A firecracker scarlet edged with white.

HOKUS POKUS—A deep yellow with a red throat and marked lower petal. Early.

KEWPIE—A warm red little glad with white picotee edge.

PALE MOON—Florets are of the finest clearest yellow with a deeper yellow in the throat, no other markings.

TAURUS—A good purple, with deep rose spot in throat. Usually 6 florets open at once. Mid-season.

MRS. MOON—Florets are of the finest clearest yellow with a deeper yellow in the throat, no other markings.

WEDGWOOD—Clear, blue lavender with harmonizing creamy throat.

WHITE SATIN—Pure cream white stamens and pistils. The flowers face upward on tiny wirey stems.

MINIATURE BULBS

2 for 25c, 10 for \$1.00. Postpaid.

We have a collection of mixed miniature or small Gladiolus we thought you might like to plant. Packed one dozen to a package. \$1.00. Postpaid.

HARDY PERENNIALS, ALPINES AND ROCK GARDEN PLANTS

Varieties starred (*) are fine for Rock Gardens

These can be used to best advantage in groups and beds on the lawn, as borders for drives, walks, or in front of shrubbery, in the garden. Some of the tall-growing sorts may be planted in among the shrubbery with good effect. Soil should

be kept well fertilized. A light covering of coarse, strawy manure or something that will not pack is beneficial in winter.

Ready for delivery during April and early May. All are strong, healthy roots. No plants sent C. O. D.



BLEEDING HEART

BLEEDING HEART, OLD FASHIONED—2 feet, graceful heart-shaped pink flowers in April-May. Prefers partial shade. Each \$1.00.

CARNATIONS, HARDY GRENADIN—This is the hardiest of all outdoor carnations. Very fragrant, fully double producing large flowers on long stems. Finest of all varieties. Your choice of red, rose and white. 3 for \$1.25.

COREOPSIS, Double Sunburst—2½ ft. Large double golden yellow flowers. Blooms all summer. 3 for \$1.00.

DELPHINIUM (Belladonna)—Long spikes of light blue flowers. 4 feet.

Bellamosa—Same as above but deep blue flowers.

Gold Medal Hybrids—Choice range of colors through the blue shades to red and orchid casts. 3 for \$1.40.

DIANTHUS, HARDY, OLD-FASHIONED CLOVE PINKS—15 inches. Lovely pink flowers with a spicy fragrance produced all summer. 3 for \$1.00.

DIGITALIS (Foxglove)—5 to 6 feet. Most attractive for the border or woodland garden. Colors ranging from white and shell-pink to deepest rose, many dotted with crimson. 3 for \$1.00.

GAILLARDIA, HYBRIDS—3½ feet. Much better than common Gaillardia. Flowers are larger and brighter blend of red and gold. Blooms freely from June to frost. 3 for \$1.00.

GYPSOPHILLA, Pan (Baby's Breath)—2-3 feet. Great masses of small, pure white flowers in July and August. Fine for winter bouquets. 3 for \$1.00.

LILY OF THE VALLEY—8 inches. Everybody loves this fragrant white flower. Grows in sun or shade, even right under trees. 3 clumps for \$1.40.

THE RUSSELL LUPINS—New English Hybrids. New colors and combinations of color. The size of the florets, their number on a spike, and the length of the spikes are much larger. 3 for \$1.40.

***VIOLA CORNUTA, TUFTED PANSY**—Blooms from April to October, if the plants are kept sheared so they do not go to seed. Mixed colors. 3 for \$1.00.

***PANSIES**—We grow large quantities of Pansy plants from seed imported from the best Pansy specialists of Europe and at home, and if well cared for they will produce blooms of finest colors, from 2 to 3 inches across. Doz. \$1.50. Postpaid.

***PYRETHRUM (Painted Daisy)**—2 ft. This popular plant produces its lovely flowers in spring and early summer. Finely cut foliage. Your choice of red and rose. 3 for \$1.00.

SHASTA DAISY, Alaska—2 feet. Large white single flowers with a large yellow center. Bloom in June and July. 3 for \$1.00.

SWEET PEA, PERENNIAL—Train this climber on a trellis, fence or bank, it will produce its lovely flowers all summer. New growth from the roots each year. Your choice of red, pink and white. 3 for \$1.00.

***SWEET WILLIAM**—12 inches. Sweet, clove-scented flowers in great profusion during May and June. Mixed colors. 3 for \$1.00.

TRITOMA, RED HOT POKER—3 ft. Bright orange-scarlet blooms borne on stems 3 feet tall in August-September. Protect over winter or dig up and put in sand in cool cellar over winter. 3 for \$1.40.

VIOLETS (Sweet Scented)—Flowers are extra large, deep purple and very fragrant. Blooms early in the spring and again in the fall. 3 for \$1.40.

BEAUTIFUL PEONIES

Chinese Peonies are very desirable on account of their large size, fine colors and profuse blooming. They are perfectly hardy and will succeed in any ground unless so wet the water stands on the surface in the winter and spring. Avoid planting too deeply, as this is often the cause of shy blooming; 2 inches of soil over the crown (eyes) being sufficient.

MME. DE VERNEVILLE—Blooms of pure white, with touches of crimson on edge of center petals. Midseason.

FELIX CROUSSE—Brilliant, dazzling ruby-red, very double. Midseason.

PRINCE OF DARKNESS—Early deep red, almost maroon.

PRES. ROOSEVELT—Very fine brilliant red, mid-season.

EDULIS SUPERBA—Bright clear mauve-pink, extra large flowers. Early.

REINE HORTENSE—Midseason. Rose-pink flecked with crimson.

Prices on the above—Each \$1.00, 3 for \$2.75. Postpaid.



PEONIES

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FRUIT TREES and SMALL FRUITS



DELICIOUS APPLE

APPLES

ANOKA—A summer apple that usually bears the second year after planting. Fruits red, excellent eating apple.

DELICIOUS—Fruit large, nearly covered with brilliant dark red, flesh fine grained, crisp and melting, juicy with a delightful aroma; of very highest quality. A splendid keeper and shipper. A regular annual bearer.

McINTOSH—A summer apple of exceptionally fine eating quality, good size, bright red color, fine flavor.

MINJON (Minnesota 700)—A Minnesota Jonathan developed for hardiness in northern climates. Heavy bearer of brilliant red, superb quality fruit, ripening at the same time as Wealthy but better coloring and hangs to tree well.

YELLOW DELICIOUS—Similar to Delicious in shape. Fruit rich yellow color.

DOLGA CRAB—Has rare beauty as an ornamental lawn tree and is perfectly hardy. The apple itself is a very rich red, and jells perfectly even when dead ripe. A fine canning crab.

PRICES—Large, 4 to 6 foot, 2-year-old trees, by express, not postpaid, at: Each \$1.75, 3 for \$4.50. Assorted if desired.

THE FAMOUS 5-N-1 APPLE TREE

FIVE SPLENDID KINDS
OF APPLES ON ONE TREE

LET 1 TREE DO THE WORK OF 5

For Those with Limited Space if You Want but
One Apple Tree

Think of having five varieties of apples on one tree!
Will provide an abundance of fresh fruit from July
until winter.

Red Jonathan, Wealthy, Yellow Delicious, Crimson
Winesap and Yellow Transparent
A Complete Orchard on One Tree
4-5 ft. size with nice growth on all varieties

Each, \$3.00

Distance Apart—Fruit Trees and Small Fruits

The locality and soils should be considered in spacing fruit trees. Orchard fruits especially make a more vigorous growth in heavy soils. Again some varieties are small growers and the others are vigorous.

As a general rule the following distances are suggested:

Apples or Cherries.....	30 to 40 feet each way
Apricots, Plums, Peaches.....	16 to 24 feet each way
Grapes	6 by 8 feet to 8 by 10 feet
Currants, Gooseberries	4 by 6 feet to 6 by 8 feet
Raspberries	3 by 6 feet to 5 by 8 feet

APRICOTS

CHINESE—Large size, round deep orange-yellow fruits, flesh is firm and the richest flavor, ripe in late June. Hardy in this climate.

PRICES—2-year-old tree, by express, not postpaid, at: Each \$2.00, 3 for \$5.00.

PEACHES

ELBERTA—A leading market variety, large handsome bright yellow overspread with crimson; juicy, fine shipper, freestone.

POLLY—Hardy delicious white peach, the fruit is large, blushed, freestone, ripening early, juicy but firm, with the richest, most delicious flavor. When canned it stays firm, and makes excellent sauce and preserves. It was developed for the north and will stand temperatures of 25 to 20 degrees below zero. The trees bear young and produce abundantly.

PRICES—Large, 4 to 6 foot, 2-year-old trees, by express, not postpaid, at: Each \$1.75, 3 for \$4.50.

CHERRIES

EARLY RICHMOND—Unsurpassed for cooking. Hardest of all varieties, bears heavily. Cherries are medium size, round and dark red. Flesh tender, juicy and sub-acid. Early. Very popular and a fine variety in every respect.

ENGLISH MORELLO—This is the latest cherry to ripen, fruit is good size, almost black when fully ripe. Very heavy and young bearer.

MONTMORENCY—Best of all sour varieties, most in demand at all markets, widely used by canneries. Fruit is good size, bright clear red, fine quality, sub-acid flavor. Early. A splendid all around variety.

KANSAS SWEET—A large fruited variety of the Bing type, fruit dark red, firm and very sweet. Good for canning and eating.

PRICES—Large, 4 to 6 foot, 2-year-old trees, by express, not postpaid, at: Each \$2.00, 3 for \$5.00. Assorted if desired.

PLUMS

COMPASS—A hardy variety, fruit is black of medium size and good quality. Makes delicious pies, preserves, etc. Heavy bearer.

SAPA—A purple red cherry-plum with delicious wine red flesh, thin skinned, small pit. Makes good pies and sauce of appetizing color and flavor. Yields best if grown as a large bush by pruning severely, cutting out older growth annually.

WANETA—Produces large good quality red fruit, ripens early in the fall. Stands drouth well and very hardy.

PRICES—Large 4 to 6 foot, 2-year-old trees, by express, not postpaid, at: Each \$1.75, 3 for \$4.50. Assorted is desired.



CHERRIES

SMALL FRUITS

GRAPE VINES

CONCORD—One of the most popular and reliable varieties we possess. Bunch large, compact and shouldered; berry large, round, almost black with blue bloom; juicy, buttery and very sweet. **Each 50c, 3 for \$1.35.**

DELAWARE—A medium early red grape, with thin skin, unusually sweet. Very hardy and an enormous producer. **Each 50c, 3 for \$1.35.**

NIAGARA—A splendid table grape, very early. This variety of white grape is very sweet and juicy and as hardy as the Concord, and a good producer. **Each 50c, 3 for \$1.35.**

FREDONIA—At last has been found a real early Black Grape, one which has no rival. Juicy, tender, good cluster, equal in every way to the Concord, but fully two weeks earlier. **Each 50c, 3 for \$1.35.**

MOORE'S EARLY—Larger berries and bunches than Concord, sweeter, better quality and ripens a week earlier. Fine for the local market and the home garden, but not a good shipper on account of its thin skin. **Each 50c, 3 for \$1.35.**

EVERBEARING STRAWBERRIES

In Strawberries it is very necessary that you get fresh-dug plants. We grow our own plants and take every care that our customers get their plants in the best possible condition.

Cultural Suggestions: Strawberries need first-class soil and will repay generously for good care. Plant about 15 inches apart in the row and 3 feet between the rows. Spread the roots when planting and water well. After the ground freezes hard, cover the crowns with a little straw or litter, but do not smother. A bed will run out in three years and the ground should then be put to some other use for a year or two.

Ready for shipment April 1 to May 10 only.

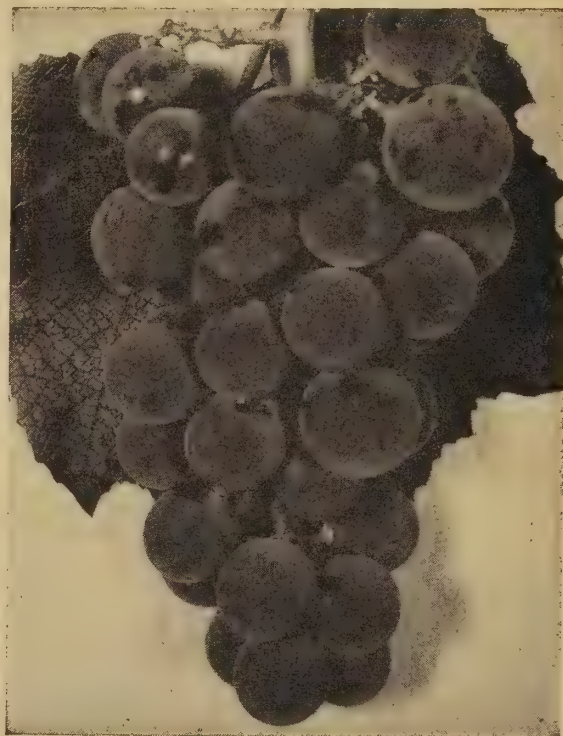
MINNESOTA 1166 — **Everbearing** — An Exerbearer which has everything. You can depend on this exceptional berry to give you a full fruiting row as it is a free plant maker. The berry is of a dark and pure dazzling red to the center and no green tips or spots. When planted in the spring this wonderful berry will produce a crop in July and continue until late in the fall. **Postpaid—25 plants for \$1.25, 100 for \$4.50.**

SUPERFECTION—Begins producing 90 days after planting and continues until hard freezing weather. Deep red all the way through and sweet as sugar. The berries are very large and almost round in shape. They are firm enough to stand distant shipping. A good plant maker and vigorous growers.

Postpaid—25 plants for \$1.25, 100 for \$4.50.



STRAWBERRY, SUPERFECTION



GRAPES, CONCORD

BOYSENBERRY

(Thornless)

The New Boysenberry is truly a glorified Youngberry. They are just as easy to grow as blackberries. Berries often measure two inches in length, have a rich, tangy flavor all their own and have few seeds. Berries fine, either fresh or canned.

6 for 90c, 25 for \$3.50.

CURRENTS

RED LAKE—The sweetest of all red currants. It is a tremendous bearer of big currants that are wonderfully sweet when ripe. **Each 60c, 3 for \$1.65.**

GOOSEBERRIES

PIXWELL—Has very few soft thorns, berries hang 2 inches below branches and are much easier to pick. Extremely hardy, and heavy producers. **Each 75c, 3 for \$2.00.**

RASPBERRIES

CUMBERLAND (Black)—Healthy, vigorous, throwing up stout, stocky, well branched canes that produce immense crops. Fruits very profitable; large, firm. Midseason. **6 for 90c, 25 for \$3.50.**

INDIAN SUMMER—(Everbearing)—A new two-crop red raspberry developed by the New York Experiment Station. Bears in summer and again in fall, continuing until frost. The berries are large, somewhat conical, of medium red color and high quality. Plants are hardy and vigorous growers. **6 for 90c, 25 for \$3.50.**



RED RASPBERRY

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PERFEGRO LAWN GRASS SEEDS

HOW TO BUILD A NEW LAWN

PLANTING TIME—Spring, Summer and Fall.

SOIL PREPARATION—Cultivate to a depth of 6 to 8 in. with garden fork, rototiller, or tractor cultivator; soak heavily to settle clods. Pulverize surface with garden rake and form smooth, level seedbed. Sprinkle, allow 10 to 12 days for weed seeds in newly upturned soil to sprout.

FERTILIZING—Apply lawn food at the same time lawn is seeded. High-analysis lawn fertilizer should be applied at 16-20 lbs. per 1,000 square feet.

SEEDING—Kill sprouted weed growth with light raking. Apply at 1 lb. per 250 sq. ft. Rake seed lightly into the soil. An even coat (about 1-4 in. thick) of peat moss or weed-free straw spread over the lawn will help your seed sprout better and faster. Firm surface with a lawn roller or wide board.

SOWING TIP—Empty half of seed into container. Mark out area to be seeded. Sow half of seed lengthwise to area. Take handful of seed, walk slowly forward, swinging arm in wide arc, letting seed flow through fingers. Repeat with remaining half across area.

HOW TO REPAIR AN OLD LAWN

Turn over bare spots to a depth of 4 to 6 in., adding a good fertilizer and a good loam soil if possible. Rake surface evenly, seed at same rate listed above, firm ground with a roller, unless your soil is heavy clay or adobe, then keep well watered until seedlings are well rooted. Don't let newly seeded spots bake or dry out. To repair thin lawns, vigorously rake the soil surface to prepare the seedbed. Seed at the same rate listed above and cover lightly with rich top soil or peat moss. Water carefully and keep the surface moist until the seedlings become well rooted.

KENTUCKY BLUE GRASS—Special Recleaned Seed—This is the most widely used grass for lawns; forms a close, thick turf and is very hardy. Seed is slow to germinate and must be kept well watered with a fine spray until it is established. Fancy. Postpaid—Lb. \$1.35, 5 lbs. \$6.50, 10 lbs. \$12.50.

KENTUCKY BLUE GRASS AND CLOVER—A special mixture of 90 per cent Kentucky Blue Grass and 10 per cent White Dutch Clover. Postpaid—Lb. \$1.25, 5 lbs. \$6.00, 10 lbs. \$11.50.

WHITE DUTCH CLOVER—This is a low growing clover used principally for lawns in a mixture with Blue Grass. It germinates quickly and acts as a protection for the slower germinating Blue Grass. Postpaid— $\frac{1}{4}$ lb. 50c, lb. \$1.50, 5 lbs. \$7.25, 10 lbs. \$14.00.

MERION BLUE GRASS—One of the newest turf grasses, looks very much like Kentucky Blue, but is more drought resistant. Merion spreads to form a thick, closely knit sod that fights off weed attacks, and crowds out crab grass. Holds its color well in hot weather, even with a minimum of water. Its dense compact turf stands up to hard wear and abuse. Sow one pound of seed to 500 to 750 square feet of lawn area. Postpaid—Lb. \$5.00, 5 lbs. \$19.00.

MERION BLUE GRASS FORMULA

A mixture of 40 per cent Merion Blue Grass, 20 per cent Chewings Fescue, 20 per cent Highland Bent and 20 per cent Red Creeping Fescue. Sow one pound to 500 to 750 square feet of lawn area. Postpaid—Lb. \$2.40, 5 lbs. \$11.75, 10 lbs. \$23.00.

PERFEGRO LAWN MIXTURE—A beautiful, smooth, low-growing, dark, velvety grass. It is composed of recleaned Kentucky Blue Grass and White Dutch Clover together with other fine blade perennial grasses. Postpaid—Lb. \$1.25, 5 lbs. \$6.00, 10 lbs. \$11.50.

PROFESSIONAL LAWN MIXTURE—A combination of grasses that can be planted in either full sun or shaded areas. A mixture of Kentucky Blue Grass, Chewings Fescue, Red Creeping Fescue and Poa Trivialis; all fine bladed grasses. This mixture is used by many of the better lawnmakers. Postpaid—Lb. \$1.25, 5 lbs. \$6.00, 10 lbs. \$11.50.

SHADY SPOT LAWN MIXTURE—This is made up of grasses which naturally grow in shady places. Contains Bent Grass. Postpaid—Lb. \$1.25, 5 lbs. \$6.00, 10 lbs. \$11.50.

ASTORIA BENT—This is the true Creeping Bent Grass, which spreads by underground roots and by stolons which creep over the ground and send down roots from their joints. It is very fine bladed and forms a thick velvety turf. It is quick growing and crowds out dandelions and other weeds. Sow one pound to 300 square feet. Postpaid—Lb. \$1.50, 5 lbs. \$7.25, 10 lbs. \$14.00.

COOS OR SEASIDE BENT—This variety differs only from the Astoria Bent in that it creeps more on top of the ground, thus forming, when it has been well established, somewhat of a turf or matting on top of the soil which tends to crowd out weeds. Postpaid—Lb. \$1.75, 5 lbs. \$8.50, 10 lbs. \$16.50.



FACTS ABOUT WEEDS

Any New Lawn Has Weeds! Because they are slower growing at first, fine lawn mixtures are sometimes weedier at first than cheap, fast-growing mixtures. Don't let early weediness discourage you! After grasses get established, they gradually choke out most weeds. Others can be controlled with weed killers. By the end of the first year your lawn should be free of weeds.

HIGHLAND BENT—This grass produces a luxuriant, heavy and very firm turf, it is of fine texture, hardy and very resistant to disease. A beautiful green, and a very important ingredient to any lawn seed mixture. Postpaid—Lb. \$1.50, 5 lbs. \$7.25, 10 lbs. \$14.00.

CHEWING'S FESCUE—This is used in mixtures for fine lawns for putting greens, wherever a particularly fine-leaved grass is wanted. Postpaid—Lb. \$1.00, 5 lbs. \$4.75, 10 lbs. \$9.00.

CREeping RED FESCUE—A fine leaved, persistent, turf-forming grass, excellent for shade and is valuable in lawn mixtures. Postpaid—Lb. \$1.00, 5 lbs. \$4.75, 10 lbs. \$9.00.

CRESTED WHEAT (Fairway Strain)—This strain was developed in Canada for use in lawns, fairways, boulevards, school yards, cemeteries, parks and in areas where water is not readily available. It is a hardy, drought-resistant fine-stemmed grass. Postpaid—Lb. 90c, 5 lbs. \$4.25, 10 lbs. \$8.00.

KENTUCKY 31—A drought resistant grass used where Kentucky Blue Grass will not survive, because of little moisture and excessive heat. Leaves are broad bladed, stands hard wear and is long lived. Postpaid—Lb. 95c, 5 lbs. \$4.50, 10 lbs. \$8.75.

MEADOW FESCUE or ENGLISH BLUE GRASS—Grows best on moist soils. Robust in habit, yet never grows into large tufts. Superior to Rye Grass for lawns. Postpaid—Lb. 95c, 5 lbs. \$4.50, 10 lbs. \$8.75.

RYE GRASS (Domestic)—A valuable grass for pastures and lawns when quick results are required. Thrives well on any soil. Postpaid—Lb. 50c, 5 lbs. \$2.25, 10 lbs. \$4.00.

RYE GRASS (Perennial)—Rapid growing grass, useful for making lawns where immediate effects are wanted. Valuable for hay and pasture. Postpaid—Lb. 60c, 5 lbs. \$2.75, 10 lbs. \$5.25.

BUFFALO GRASS FOR LAWNS—Treated to hasten germination. This is a low-growing long-lived drought-resistant perennial grass that spreads by numerous surface runners. Profuse branching of runners enables this grass to form a dense sod. The leaf surface is a gray green, turning to purplish in late fall. Seed should be applied at the rate of from $\frac{1}{2}$ to $\frac{3}{4}$ pound per 1,000 square feet of lawn area. The seeding rate is readily obtained by spacing the seed $\frac{1}{2}$ to $\frac{3}{4}$ of an inch apart in the rows, or by dropping 15 to 20 seeds per foot of row, in rows one foot apart. After the lawn is up requires very little water, making it an ideal grass for farm lawns, parks and cemeteries. Postpaid—Lb. \$1.50, 5 lbs. \$7.25, 10 lbs. \$14.00.

BERMUDA GRASS (For the South)—A southern grass with dwarf habits, long creeping stems rooting at the joints that cover the ground with a matting of fine turf. Not suited for northern latitudes.

UNHULLED SEED—Postpaid—Lb. 80c, 5 lbs. \$3.75, 10 lbs. \$7.00.

HULLED SEED—Postpaid—Lb. \$1.00, 5 lbs. \$4.75, 10 lbs. \$9.00.

ADAPTATION CHART FOR PASTURE SEEDS

CROP	PALATABILITY	ANNUAL OR PERENNIAL	RATE OF SEEDING (POUNDS PER ACRE)	MOISTURE REQUIREMENTS	REMARKS
Alfalfa	Very high	Perennial	15-20 drilled 2-5 in mixtures	Prefers well-drained soils but stands considerable dryness.	Makes more summer growth in pastures than any other legume.
Alsike Clover	Very high	Short-lived perennial	4-6 broadcast 2-4 in mixtures	Tolerates excessive moisture but little dryness.	Best adapted to wet lands. Stands much alkali if moisture plentiful.
Birdsfoot Trefoil, Broadleaf	High	Perennial	4 broadcast 1-3 in mixtures	Widely adapted—stands both excessive wetness and dryness.	Needs less water than Ladino and Red Clover. Evidently causes neither bloat nor scouring.
Birdsfoot Trefoil, Narrowleaf	High	Perennial	4 broadcast 1-3 in mixtures	Same as Broadleaf but better adapted to wet conditions.	Prostrate type. Does better on lowlands than Broadleaf, and is more alkali-tolerant.
Bluegrass, Kentucky	High	Perennial	12-15 broadcast 2-4 in mixtures	Prefers well-drained soils.	A not too productive sod-forming grass. Not usually recommended for irrigated pastures.
Brome, Mountain	Medium	Perennial	15-20 broadcast 2-5 in mixtures	Dry land grass. Needs at least 15-20" rainfall.	Used in short term pastures on Sweet Clover-grass mixtures. New variety, Bromar, most popular.
Bromegrass, Smooth	High	Perennial	15-20 broadcast 2-6 in mixtures	More drought-resistant than Mt. Brome.	Excellent for irrigated pastures and meadowlands. Alkali-tolerant. Often planted with Alfalfa.
Burnet	Medium	Perennial	8-10 broadcast 2-4 in mixtures	Medium, but succeeds with as little as 15 inches rainfall.	Not recommended for meadowlands or most irrigated pastures. Adaptation not well known.
Fescue, Alta	High	Perennial	10-15 broadcast 2-6 in mixtures	Stands both wetness and dryness.	Widely adapted to soils, moisture and climates. One of the most productive grasses now available. Alkali-tolerant.
Fescue, Chewings	Medium	Perennial	15-20 broadcast 2-4 in mixtures	Requires medium but constant moisture.	Not widely used for forage. Neither too palatable nor productive. Good lawn grass.
Fescue, Creeping Red	Medium	Perennial	15-20 broadcast 2-4 in mixtures	Same as above.	Not often used in pastures. Good lawn grass.
Fescue, Meadow	High	Perennial	8-15 broadcast 2-6 in mixtures	Stands considerable wetness but little dryness.	Excellent forage grass. Not as widely used as formerly. Largely replaced by Alta Fescue.
Gramma, Blue	High	Perennial	8-10 broadcast 1-3 in mixtures	Stands considerable drouth.	Excellent range grass for semi-arid regions with summer rainfall. Not recommended for irrigated pastures.
Gramma, Sideoats	High	Perennial	8-10 broadcast 1-3 in mixtures	Stands considerable drouth.	Excellent range grass for semi-arid regions with summer rainfall. Not recommended for irrigated pastures.
Hubam Clover	Medium	Annual	15-20 broadcast 2-4 in mixtures	Prefers well-drained soils.	Sometimes used for summer annual pasture. Excellent soil-building crop. Not often used in pastures.
Ladino Clover	Very high	Perennial	4-6 broadcast 2-4 in mixtures	Requires well-drained soils.	A high yielding, quick recovering, and popular legume. Should be used wherever adapted.
Lespedeza, Korean	High, in early growth	Annual	15-20 broadcast 2-6 in mixtures	Does best on well-drained soils.	Requires high humidity and heat. Not used where Alfalfa will grow.
Lovegrass, Sand	Medium	Perennial	1-2 in mixtures	Highly drought-resistant.	Excellent range grass for Southwest and lower altitudes of Colorado. Not suitable for mountain areas.
Lovegrass, Weeping	Fair to medium	Perennial	1-2 in mixtures	Highly drought-resistant.	Same as above but somewhat more winter-hardy than others. Not too palatable.
Orchard Grass	High, in early growth	Perennial	20-25 broadcast 2-6 in mixtures	Medium, but stands considerable dryness but not excessive wetness.	Productive, long-lived, widely adapted pasture grass. Stands some alkali and much abuse.

ADAPTATION CHART FOR PASTURE SEEDS—Continued

CROP	PALAT- ABILITY	ANNUAL OR PERENNIAL	RATE OF SEEDING (POUNDS PER ACRE)	MOISTURE REQUIREMENTS	REMARKS
Red Clover, Mammoth	High	Biennial, or short-lived perennial	10-12 broadcast 2-4 in mixtures	Medium. Not tolerant of excessive wetness.	Not often used in pastures. Coarser and probably less palatable and productive than Medium Red Clover.
Red Clover, Medium	High	Biennial, to short-lived perennial	10-12 broadcast 2-4 in mixtures	Does best on well-drained soils, but not too sensitive.	Requires rich deep soils. Highly productive and palatable. Not tolerant of much alkali or acid. Short-lived in pastures.
Redtop	Medium	Perennial	2-4 in mixtures	Dry to extremely wet.	Not too productive but often useful in meadowlands. Not often used in irrigated pastures.
Reed Canary Grass	High	Perennial	8-10 broadcast 2-4 in mixtures	Medium to extremely wet.	Very useful for meadowlands, marshlands, and irrigated pastures. Slow to establish.
Ryegrass, Common	High	Annual, or short-lived perennial	20-25 broadcast 2-3 in mixtures	Medium.	Widely used in irrigated pastures. Very productive and particularly valued for growth concurrent with Ladino. Short-lived, but produces early feed the first year.
Ryegrass, Perennial	High	Perennial	2-3 in mixtures	Medium.	Grows later into the summer than Common Ryegrass. Productive but short-lived.
Sand Drop	High	Perennial	2-3	Succeeds in 8-inch rainfall zone.	A native dry land grass, good for binding soil and very palatable.
Strawberry Clover	Very high	Perennial	6-8 broadcast 2-3 in mixtures	Requires liberal and constant moisture supply.	Well suited to alkali soils if moist. Also good for meadow- lands. Slow growing and not highly productive.
Sweet Clover	High, in early growth	Perennial	15-20 broadcast 2-6 in mixtures	Dry to extremely wet.	Excellent for pastures on sandy or alkaline soils. Palat- ability rather low. Very productive.
Sweet Clover, Yellow Blossom	High, in early growth	Biennial	15-20 broadcast 2-6 in mixtures	Same as above.	Not so coarse as above and somewhat better adapted to use in pastures.
Tall Meadow Oatgrass	High	Perennial	10-15 broadcast 2-6 in mixtures	Medium, but stands some dryness.	Productive and well adapted to rather poor soils. Gaining favor as a pasture grass.
Timothy	High	Perennial	10-12 broadcast 2-6 in mixtures	Requires constant and liberal supply.	Does best on rich loam or clay-loam soils. Very productive but not too long-lived.
Wheatgrass, Crested	Medium	Perennial	6-8 drilled 2-6 in mixtures	Does well where rainfall is in excess of 8".	Most valuable grass for seeding sagebrush or marginal farm lands. Extremely winter-hardy.
Wheatgrass, Slender	Medium	Perennial	6-8 drilled	Less drought-resistant than the above.	Requires better soils than the other Wheatgrasses. Usually considered somewhat more palatable.
Wheatgrass, Western	Medium	Perennial	15-20 broadcast 2-5 in mixtures	Somewhat less drought resistant than above. Stands some flooding.	Differs from above in that it is a sod-former. Very useful where soil erosion is a factor. A range grass.
Wheatgrass, Intermediate	Medium high	Perennial	6-8 drilled	About same as Crested Wheatgrass.	A valuable, productive, sod-forming Wheatgrass. Provides later feed than Crested Wheatgrass.
Wheatgrass, Tall	High	Perennial	6-8 drilled	Best on sub-irrigated lands.	Strongly alkali-tolerant, late maturing. Needs at least 10 inches of rainfall.
White Dutch Clover	Very high	Perennial	4-6 broadcast 2-4 in mixtures	Requires constant and liberal supply.	Succeeds under poorer conditions than Ladino, but is less productive. Very well adapted to meadowlands.
Wild Rye, Russian	Medium	Perennial	6-8 drilled	Succeeds in 8-inch rainfall zone.	Starts growing later in spring than Crested Wheatgrass and remains green throughout summer.

RANGE and PASTURE GRASSES



CRESTED WHEAT GRASS

RED TOP (Solid Seed)—Valuable for low land, as it is not injured by water. It also grows well on high land. Grows 2 to 3 feet high, and makes very good hay. Finest recleaned seed. Sow 8 to 10 pounds per acre.

Postpaid—5 lbs. \$6.25, 10 lbs. \$12.00.

REED CANARY GRASS—Has achieved considerable importance in areas that are subject to periodic overflow. It will withstand a great deal of pasturing if not pastured too close. Not recommended for extremely hot areas.

Postpaid—5 lbs. \$5.00, 10 lbs. \$9.75.

ANNUAL DOMESTIC RYE GRASS—Due to its ability to produce a quick heavy stand it is often used in combination with slower starting perennial forage mixtures. It produces a quick feed and at the same time holds weeds in check until slower starting perennials can grow.

Postpaid—5 lbs. \$2.25, 10 lbs. \$4.00.

PERENNIAL RYE GRASS—Has all advantages of Domestic Rye Grass except in areas where rust is present. High palatability makes it extremely popular as an ingredient in permanent pasture mixtures.

Postpaid—5 lbs. \$2.75, 10 lbs. \$5.25.

TALL MEADOW OAT GRASS—Stands pasturing well and produces an abundance of forage from early spring until late fall. Do not plant in shade.

Postpaid—5 lbs. \$6.25, 10 lbs. \$11.50.

TIMOTHY—One of the most popular grasses for hay and pasture.

Postpaid—5 lbs. \$3.75, 10 lbs. \$7.25.

CRESTED WHEAT—Clipping or pasturing the grass in the spring apparently stimulates growth, which causes it to remain green longer in the summer and green up earlier in the fall. Usually two years before fully established.

Postpaid—5 lbs. \$4.25, 10 lbs. \$8.00.

FAIRWAY STRAIN—See Page 43 for description.

Postpaid—5 lbs. \$5.25, 10 lbs. \$10.00.

WESTERN WHEAT GRASS (Blue Stem)—Is a drought resistant, long-lived perennial grass. Produces excellent forage for grazing and hay.

Postpaid—5 lbs. \$4.50, 10 lbs. \$8.50.

SLENDER WHEAT GRASS (Western Rye Grass)—Grows in tall erect bunches which sometimes cover a space of one foot in diameter. It is a perennial, resistant to both drought and cold. Has ability to grow in alkali land and is very palatable to cattle and horses.

Postpaid—5 lbs. \$4.25, 10 lbs. \$8.00.

INTERMEDIATE WHEAT GRASS—This is a tall, cool season grass, which spreads from moderately vigorous underground root stalks to produce a sod. At Fort Collins this grass starts growth in late February or early March and attains a height of 6 inches, between April 10th and 20th. It makes a lush growth of leaves in early spring, heads during July and matures in August. With good fall moisture regrowth takes place and $\frac{1}{4}$ to $\frac{1}{2}$ the normal forage production may again be produced. The leafage growth before heading is quite palatable as the leaves are broad and soft like Smooth Brome Grass. The seed is large and clean and can be drilled with an ordinary grain drill.

Postpaid—5 lbs. \$7.50, 10 lbs. \$14.00.

PUBESCENT WHEATGRASS (Stiff Hair Grass)—A long lived alkali-tolerant grass more drought resistant than Intermediate but adapted to the same kinds of soil. Tall growing, large seeded, rather coarse seed with hairy foliage. Sod forming, heavy root producing grass.

Postpaid—5 lbs. \$7.50, 10 lbs. \$14.00.

TALL or GIANT WHEAT GRASS (Agropyron Elongatum)—This is a special use grass needed for problem areas, on ground that has irrigation seepage, high water table or wet alkaline condition. The Grass is somewhat coarse, erect perennial with a bunch-type growth, an abundance of long basal and stem leaves make it a high forage producer comparing favorably with the rest of the wheat grass. Like other cool season grasses, Tall Wheat Grass does most of its growing in the early spring and fall. Seed is ready to harvest in August and even at this time foliage is green.

Postpaid—5 lbs. \$5.00, 10 lbs. \$9.50.

RUSSIAN WILD RYE—A long-lived, drought-resistant perennial which is tolerant of low-fertility soils. It is a densely tufted bunch grass with an extensive, fibrous root system which starts growth later in the spring than Crested Wheat and matures about three weeks later. The leaves remain green throughout the summer and fall and the plant has good recovery growth. The seedlings are weak and slow to establish. Once established the plants are vigorous and will withstand heavy utilization.

Postpaid—5 lbs. \$8.00, 10 lbs. \$15.50.

BROME GRASS—One of our most drouth and cold resistant grasses. Roots may penetrate soil to 5 or 6 feet providing a large area from which to draw moisture and plant food. It has a tendency to become sod bound after 3 or 4 years, but if the soil is lightly plowed in the early spring or fall it breaks up this sod and the yield is greatly increased.

LINCOLN (Southern Type)—This strain originated from several old fields in Nebraska and manifests uniform type, excellent yield and strong productivity. The general type is difficult to distinguish from Achenbach.

Postpaid—5 lbs. \$3.50, 10 lbs. \$6.75.

NORTHERN TYPE—Was introduced from Siberia and has been found well adapted to Canada and northern great plains. Differs only in heights of stalks and color of leaves from southern type.

Postpaid—5 lbs. \$3.50, 10 lbs. \$6.75.

BURNET—Belongs to Rose family. Considerable success has been secured in dry land planting. Maintains green growth into late summer if any moisture available, for sheep pasture.

Postpaid—5 lbs. \$7.00, 10 lbs. \$13.50.

ALTA or TALL FESCUE—A selection from Meadow Fescue by Oregon Agricultural Exp. station. Could be pastured when leaves are young and succulent. If allowed to mature and become coarse it should be mowed to remove coarse stems. Does best when planted with a legume.

Postpaid—5 lbs. \$4.50, 10 lbs. \$8.50.

MEADOW FESCUE—Usually starts slowly. Once established maintains itself for many years. Difficult to seed by drill. In areas where seasonal flooding is detrimental to most good forage crops this plant will make excellent growth. Produces abundance of feed when grown in wet soils.

Postpaid—5 lbs. \$4.50, 10 lbs. \$8.75.

BLUE GRAMA—Is a perennial tufted grass adapted for the dry plains region; plants grow from 1 to 3 feet tall, used for reseeding range lands.

Postpaid—5 lbs. \$4.50, 10 lbs. \$8.75.

SAND DROP SEED—Best on sandy or semi-sandy soils. A native dryland grass good for binding soil and very palatable. Seed is small and inexpensive. In mixtures with wheat grasses and bromes, Sand Drop will provide abundant forage while the slower growers are establishing themselves. Sow two to five pounds per acre.

Postpaid—5 lbs. \$2.75, 10 lbs. \$5.00.

ORCHARD GRASS—Derives name from ability to grow in shade of trees. Of special importance is its ability to grow both early in the spring and late in the fall. The main stems have a tendency to become tough and woody if allowed to mature. Livestock often avoid these stems and it is advisable to mow the field to rid it of coarse bunches.

Postpaid—5 lbs. \$4.50, 10 lbs. \$8.75.

SAND LOVE GRASS—A vigorous long lived native bunch grass, thriving on sandy soils of the great plains. Grows 3 to 6 ft. tall, with slightly hairy leaf blades about 12 inches long with a distinctive purple cast. Leafy foliage, primarily basal, is abundant, roots are vigorous, spreading and deeply penetrating and therefore of value in conservation. Plants begin growth very early in spring and remain green until late fall. It is generally considered one of the most palatable and nutritious of the range grasses. It is easily established from seed and volunteers aggressively. Use one pound per acre, covering seed to a depth of $\frac{1}{4}$ inch.

Postpaid—5 lbs. \$5.00.

SEE ADAPTATION CHART ON PAGES 44 AND 45

PERFEGRO BRAND GRASS AND FIELD SEEDS are specially re-cleaned and tested for purity and germination before shipping. If desired, we will send you samples and advise you what the purity and germination test are of any of the Grass or Farm Seeds.

HAY AND PASTURE MIXES

Lighter per acre planting rates mean smaller seed cost, and a better balanced pasture. Don't over-plant.

SETTING THE GRAIN DRILL—For mixture containing Brome Grass: Setting drill at 3 in pecks of wheat, sows 18 lbs. per acre. Setting drill at 4 (pecks wheat), sows 26 lbs. per acre.

FOR IRRIGATED PASTURES

PASTURE MIXTURE "A"—For average soils with good drainage.

6 lbs. Orchard Grass
6 lbs. Smooth Brome
2 lbs. Ladino Clover
3 lbs. Alfalfa
3 lbs. Intermediate Wheat

PASTURE MIXTURE "B"—For average soils, poor to fair drainage.

6 lbs. Alta Fescue
2 lbs. Reed Canary
6 lbs. Timothy
4 lbs. Alsike Clover
2 lbs. Strawberry Clover

PASTURE MIXTURE "C"—For average soils, only part season irrigation.

5 lbs. Alta Fescue
6 lbs. Orchard Grass
6 lbs. Smooth Brome
3 lbs. Alfalfa

PASTURE MIXTURE "D"—For soils with some alkali.

4 lbs. Alta Fescue
4 lbs. Smooth Brome
4 lbs. Orchard
2 lbs. Alsike Clover
2 lbs. Strawberry Clover
4 lbs. Tall Wheat Grass

FOR NON-IRRIGATED PASTURES

PASTURE MIXTURE "E"—For average soils, moist mountain meadowlands, with fair drainage.

5 lbs. Smooth Brome
5 lbs. Orchard Grass
5 lbs. Tualatin Oat Grass
3 lbs. Red Clover
2 lbs. White Blossom Sweet Clover

PASTURE MIXTURE "F"—For average soils, moist mountain meadowland with poor drainage.

6 lbs. Meadow Fescue
4 lbs. Reed Canary Grass
3 lbs. Alsike Clover
2 lbs. White Blossom Sweet Clover

PASTURE MIXTURE "G"—For average soils to moderate alkalinity, well drained uplands or benchlands.

6 lbs. Smooth Brome
6 lbs. Crested Wheat
3 lbs. Ladak Alfalfa

PASTURE MIXTURE "H"—For moderate alkalinity, moist ground.

5 lbs. Alta Fescue
5 lbs. Smooth Brome
3 lbs. Reed Canary Grass
2 lbs. Alsike Clover
2 lbs. White Blossom Sweet Clover

Prices on any of the above mixtures quoted on request.

PLAINS OR DRYLAND PASTURE MIXTURE—A mixture of Crested Wheat, Perennial Rye Grass, Slender Wheat, Grass, Western Wheat and Yellow Blossom Sweet Clover. All drought resistant and long lived grasses. Sow 20 to 25 lbs. per acre.

Postpaid—5 lbs. \$4.00, 10 lbs. \$7.75.

TIMOTHY and 20% ALSIKE MIXTURE—Fine for hay and pasture, especially for mountain districts.

Postpaid—5 lbs. \$3.50, 10 lbs. \$6.50.

MOUNTAIN MEADOW MIXTURE—A mixture of Timothy, Alsike Clover and Red Top.

Postpaid—5 lbs. \$4.00, 10 lbs. \$7.75.

BROME-ALFALFA MIXTURE—An excellent pasture mixture, for hay purposes use 8 lbs. of Alfalfa to 12 lbs. of Brome to the acre to give higher yields. For pasture use 12 lbs. of Brome to 4 lbs. of Alfalfa per acre.

Postpaid—5 lbs. \$3.50, 10 lbs. \$6.50.

MORTON'S PASTURE MIXTURE—Our State Agricultural College recommends the following ratio for a well-balanced permanent pasture mixture: 30 per cent Orchard Grass, 30 per cent Brome Grass, 20 per cent Meadow Fescue, 12 per cent Timothy and 8 per cent Yellow Blossom Sweet Clover. Sow 25 to 30 pounds per acre.

Postpaid—5 lbs. \$4.00, 10 lbs. \$7.75.

FIELD SEEDS

ALFALFA

CULTURE—Alfalfa Seed may be sown either in spring or in fall at the rate of 12 to 20 pounds per acre. Sow with oats, barley, field peas or other grains as a nurse crop, sowing only about half the amount of grain per acre, so that the grain will not be too thick to smother out the alfalfa. Alfalfa is the great hay crop for America and can be successfully grown in many localities. Alfalfa is of two types, the Domestic or Common, which has a long tap root which penetrates into the soil for a distance of 8 to 10 feet, and the Grimm Type, which has a spreading root system. The Grimm Type is considered the hardiest, although on certain soils and in certain localities the Hardy Common varieties will stand extremes of heat and cold equally well.

COMMON ALFALFAS—Most Common Alfalfas originate from seed brought from Spain to Chile and, in about 1850, to California. From California seed moved in all western states. Colorado Common, Utah Common, Idaho Common, Montana Common, and other Common Alfalfas are believed to be regional strains from this seedstock.

The Common Alfalfas can often be purchased by state origin but differences between them are insignificant. It is actually more sound to think of them in terms of region rather than state of origin.

Postpaid—5 lbs. \$4.00, 10 lbs. \$7.50.

BUFFALO ALFALFA—A selection of Kansas Common, that has been chosen for its resistance to bacterial wilt. It is winter hardy and is recommended for Colorado and for high altitudes.

Postpaid—5 lbs. \$5.00, 10 lbs. \$9.50.

RANGER ALFALFA—Ranger is a multiple strain variety carrying about 45 per cent Cossack, 45 per cent Turkistan, and 10 per cent Ladak blood. Ranger is variable in habit of growth and flower color and is classified within the variegated group. It is superior to Ladak and Cossack and equal to Grimm in rapidity of recovery after cutting. It is slightly more susceptible to leaf-spot disease than Grimm, but is equal to it in cold-resistance. Ranger is the most wilt-resistant Alfalfa available, and, even though it may yield slightly less per season than Grimm, longer life stands more than offsets this disadvantage.

Postpaid—5 lbs. \$5.00, 10 lbs. \$9.50.

GRIMM ALFALFA—The hardiest of the hardy alfalfas and differs from the domestic or common variety in that it has a spreading root system instead of the long tap root which is sometimes broken when the ground bulges, during the spring freezes, thus causing the plant to die. Highest grade seed. Very hardy and will produce a fine hay crop.

Postpaid—5 lbs. \$5.00, 10 lbs. \$9.50.

LADAK—Originated in India, is very winter hardy and shows more variegation than most other varieties in this group. It produces an exceptionally heavy first cutting, and, even though second and third cuttings may be light, total seasonal yields are often higher than those of other varieties. Ladak is resistant to leaf disease, retains leaves well, and therefore produces hay of high quality. Ladak is more resistant to bacterial wilt than Grimm.

Postpaid—5 lbs. \$5.00, 10 lbs. \$9.50.

SEE ADAPTATION CHART ON PAGES 44 AND 45



CLOVER

SWEET CLOVERS

The culture of Sweet Clover is practically the same as for Alfalfa. Sweet Clover, however, will make an immense growth and if cut before it is too ripe makes excellent hay. It is also valuable for pasture for hogs, sheep and cattle. Like Red Clover, this is a biennial and should be renewed every other year. The seed may be sown in the late fall and winter, or early spring as well as in the summer. Sow 12 to 20 pounds per acre.

WHITE BLOSSOM SWEET CLOVER—White Blossom makes the rankest growth of any clover. It produces the biggest hay crop and is the best soil enricher and green fertilizer. It breaks up the soil, gathers nitrogen from the air and deposits it in the soil.
Postpaid—5 lbs. \$3.75, 10 lbs. \$7.00.

YELLOW BLOSSOM SWEET CLOVER—Is a biennial like the White Blossom Sweet Clover and differs from that variety only in that it is ten days earlier. Does not grow as tall, is more spreading in habit, makes finer hay or pasture.
Postpaid—5 lbs. \$3.75, 10 lbs. \$7.00.

CLOVERS

ALSIKE or SWEDISH CLOVER—Grows well on low, wet land where Red Clover does not thrive. Alsike being a perennial, will last for a good many years, either for hay or in pasture. It makes fine hay of high feeding value. It is very valuable in pastures, especially on wet or heavy soil. Sow 6 to 10 pounds of seed per acre if used alone.
Postpaid—5 lbs. \$4.25, 10 lbs. \$8.00.

BIRDSFOOT TREFOIL CLOVER (Broadleaf)—For pasture or hay, a perennial clover that will withstand moderate alkali, grown on many kinds of soil, withstands wide fluctuations of moisture and to take more general abuse than Ladino. Produces highly palatable nutritious forage with fine leafy stems that arise from a single crown. Flowers brilliant yellow. As far as can be determined it neither bloats nor scours. Do not expect too much growth the first season. Use 4 lbs. per acre.
Postpaid—5 lbs. \$4.75, 10 lbs. \$9.00.

MEDIUM RED CLOVER—Fits better into crop rotation than any other legume. It will increase the yield of succeeding crops besides furnishing many tons of hay of high protein content. It is a biennial which means that it will grow for two seasons only and then must be reseeded. Requires medium rich well drained soil. Sow 8 to 12 lbs. per acre.
Postpaid—5 lbs. \$5.00, 10 lbs. \$9.50.

STRAWBERRY CLOVER (Trifolium Fragiferum)—Is primarily a pasture crop. It thrives on wet, seepy ground, which may be crusty with alkali and is apparently more resistant to alkali than any other clover. It is capable of spreading and establishing itself by its stout creeping runners. Three to five pounds will seed an acre.
Postpaid—Lb. \$2.25, 5 lbs. \$11.00, 10 lbs. \$21.50.

LADINO CLOVER—Is regarded as a tall form of White Dutch Clover. It is a low growing, leafy plant with succulent and somewhat coarse stems. Sow in the spring or fall, sow 7 to 8 pounds per acre.
Postpaid—5 lbs. \$6.25, 10 lbs. \$12.00.

BUCKWHEAT

Buckwheat is easily raised and will make profitable crops on rather poor land, where other grain would fail. It is also largely used as a cover crop in orchards. Sow in June or July, using 50 pounds of seed to the acre.

JAPANESE—This is the largest buckwheat. The plant makes a more vigorous and larger growth than the common kind and yields more.
Postpaid—5 lbs. \$2.00, 10 lbs. \$4.50.

FLAX

WILT-RESISTANT—Flax is the best and most profitable crop for sod or new lands, growers frequently realizing more from flax on sod than from wheat on old ground. Sow early, as soon as possible after danger from frost has passed. To raise seed sow one-half bushel per acre; for fibre, one bushel.
Postpaid—5 lbs. \$2.25, 10 lbs. \$4.00.

FIELD OR STOCK PEAS

Field Peas are an important class of Legumes and should be more generally planted. Valuable for hay crop or fertilizer. Field Peas are usually grown with Oats, for hay, a combination equal in feeding value to clover hay. They contain more digestible crude protein and fat than Alfalfa and Corn. When grown with oats, they are threshed together, and easily separated with a fanning after threshing. Drill the Peas in four inches deep, as early as the ground can be worked at the rate of 90 to 100 pounds per acre. Then, 2 or 3 weeks later, sow the oats, drilling it in the other way, 50 pounds per acre. If the oats are sown with the peas, they grow too rapidly and check or smother the growth of the peas.

COLORADO STOCK PEAS (White)—Are extensively grown in the mountain districts, are very hardy and if mixed with oats or other grains, make very nutritious hay. If permitted to mature, make excellent feed for fattening sheep or hogs.
Postpaid—5 lbs. \$1.25, 10 lbs. \$2.00.

AUSTRIAN WINTER PEAS—A winter hardy field pea, used as a cover crop and a green manure crop where fertility is low, it will make growth at lower temperatures and will afford a cover where other crops give little protection.
Postpaid—5 lbs. \$1.25, 10 lbs. \$2.00.

DWARF ESSEX RAPE

An excellent forage crop for sheep and hogs, belongs to the cabbage family. It produces a mass of broad, smooth leaves which are greatly relished by sheep and hogs. It can be pastured off and when stock is removed, if not eaten too close, it will grow up again and give a second crop. It does best on rather moist land, but will do well in any good soil. The seed is usually sown broadcast, using about 5 pounds per acre. Sow from the first to the middle of August. If sown broadcast on corn ground after the last cultivation it makes good pasture after the corn is removed.

Postpaid—5 lbs. \$2.50, 10 lbs. \$4.50.

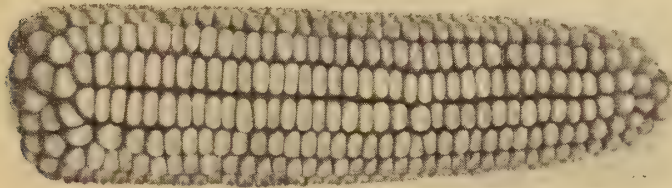
SUNFLOWER

Quite extensively grown for feeding. Sow in rows 3 to 3½ feet apart and thin to a foot apart in the rows. Treat the same as corn. Use 10 to 12 pounds of seed per acre. Sunflower are often used to mix with corn when filling a silo. It is claimed that the mixture makes a better ensilage than pure corn.

MAMMOTH RUSSIAN—The variety commonly used to produce seed and for filling silos. The heads are often one foot across and are filled with striped seed which makes most excellent feed for poultry.
Postpaid—5 lbs. \$3.00, 10 lbs. \$5.50.

FIELD CORN

10 pounds will plant an acre. The proper selection and care of Seed Corn is more important and exacting than the average grower realizes, and in appearance corn suitable for seed purposes is often deceiving and its seed qualities can only be determined by actual tests for germination and vitality. Our Seed Corn is strictly Colorado grown (except the ensilage and Hybrid varieties), is acclimated and will ripen earlier than eastern grown seed.



OPEN POLLINATED VARIETIES

WHITE AUSTRALIAN—A hardy flint corn, adapted for cool climates, short seasons and dry lands. Ears are medium size, kernels are white, smooth, shallow, round and flinty.

COLORADO YELLOW DENT—This is a variety of Yellow Dent Corn developed in Colorado and is especially well adapted for planting in the dry-land district and in the north, as it is very drought resisting and matures early. Fine for grain, fodder or ensilage.

COLORADO WHITE DENT—A corn very similar to Colorado Yellow Dent except in color. A White Dent variety that has been bred for earliness and will make a better yield per acre than the Yellow Dents, especially on thin soils.

BLUE SQUAW—It is extremely early and of very dwarf habits. Average length of ears 7½ inches, grain of dark purple color and sugary. Better for hogging down than the White or Yellow Flints as the grain is not as hard. Ready to use in about 70 days.

RAINBOW FLINT—An early maturing corn for dry land and short growing season. It produces a medium sized kernel in variegated colors on fair sized ears. Yields are high.

Any of the above varieties
Postpaid—5 lbs. \$1.50, 10 lbs. \$2.50.

MILLET

Millet is a wonderful forage and hay crop. It affords a quick, luxuriant growth of hay of good feeding value and requires no cultivation. Millet may be fed green or cured. The value of Millet for late planting and emergency crops after others fail should not be overlooked. They can be planted late in July and still make considerable forage. Sow about 20 pounds to the acre.

WHITE WONDER—A variety which has taken the place of common millet and has qualities superior to other varieties. It is early, the heads are very large and long, and the foliage is heavy set easily cured.

MANITOBA or HOG—A valuable peculiarity of Hog Millet is that seed ripen while the hay is yet green, which, if cured at the proper time, can be threshed for seed, while the hay makes excellent fodder after being threshed.

SIBERIAN or RED RUSSIAN—Earlier, more hardy, rustproof, and less liable to damage by insects, an extremely heavy cropper; stalks tall, and of finer quality than any other sort. Best variety for hay.

GERMAN or GOLDEN—This is one of the best forage plants grown in this country. Under ordinary conditions will produce from 4 to 5 tons of hay per acre, and from 50 to 75 bushels of seed. When sown early it leaves the ground in splendid condition for wheat.

Any of the above varieties
Postpaid—5 lbs. \$2.00, 10 lbs. \$3.50.

VETCH

Vetches, either green or as hay, make excellent feed and are also used extensively as cover and green manure crops. They make good hay, ensilage, pasture and green feed and are very valuable as a green fertilizer and as a cover crop in orchard preventing the washing away of the soil.

WINTER, SAND or HAIRY VETCH—Is very winter hardy and is a fine crop to sow in the fall following harvest of crop. Sow 60 lbs. per acre. May also be seeded in the fall with winter rye for a hay crop, about August 1 to 20 using about 30 lbs. of Vetch and 40 lbs. of Fall Rye per acre.
Postpaid—5 lbs. \$2.75, 10 lbs. \$5.00.

SPRING VETCH or WILLAMETTE—Sow in the spring at the rate of 60 lbs. per acre or with a grain crop such as oats, wheat, rye or barley, at the rate of 30 lbs. per acre and using one-half of the normal rate of small grain. This combination makes excellent forage or hay and also aids in preventing the Vetch from lodging.

Postpaid—5 lbs. \$2.25, 10 lbs. \$4.00.

FORAGE SORGHUMS

CULTURE—For forage crops, sow 50 to 75 pounds per acre; for grain, 5 to 6 pounds, in rows and cultivate the same as corn. Forage is very palatable to stock.

BLACK AMBER CANE—Is the best known and is the favorite on account of its earliness and resistance to drought.

LEOTI RED—A highly recommended sorghum, for Colorado. Produces a semi-compact reddish head that droops slightly at the tip when ripe. The stalk is sweet, juicy and leafy. Matures at about average frost time if planted between June 1st and 6th.

ORANGE CANE—A heavy yielding variety grown for forage and silage. It is rather late in maturing seed, as it takes from 100 to 110 days.

COES SORGO—Is a Kafir-headed sorgho with a long, compact head and fine stem, high in sugar contents. Suckers profusely making large quantities of fine leafy feed. The grain is equal to feeding value of Kafir.

FREMONT—A selection from Orange Cane at the Akron Station and is very similar to Early Sumac. Matures about the same time as Black Amber.

Any of the above varieties
Postpaid—5 lbs. \$2.00, 10 lbs. \$3.50.

GRAIN SORGHUMS

CULTURE—For forage crops, sow 50 to 75 pounds per acre; for grain, 5 to 6 pounds in rows and cultivate the same as Corn. Forage is not quite as palatable for stock as the Sweet Sorghums.

WHITE KAFIR (Dwarf Black Hull)—Usually grows 5 to 6 feet tall in the dry land areas. Heads are heavy and compact, 10 to 14 inches long with black hulls and white seeds. The grain makes good feed for poultry and cattle.

HEGARI—This is one of the earliest maturing of the grain sorghums. It is very similar to Kafir. The grain is nearly equal to corn in feeding value. The stalks are leafy and make excellent fodder.

RELiance—A new combine sorghum variety, developed in South Dakota that has proven itself in Colorado this past season. Reliance was developed as a result of the need for a Norghum type sorghum with a resistance to lodging. It is similar to Norghum in maturity and stands up better, but does not have the adaptability to cool soils at planting time.

NORGHUM—A new early maturing yellow grain sorghum. Combine type, especially good in short season areas.

Any of the above varieties
Postpaid—5 lbs. \$2.00, 10 lbs. \$3.50.

SUDAN GRASS

SUDAN GRASS, for Hay and Pasture—Sudan Grass is strictly an annual, and dies each year like millet. Sudan Grass is tall, reaching a height of from 7 to 9 feet. The stems are small and are rarely larger than a lead pencil. The plant stools wonderfully and produces, under favorable conditions, as many as 100 stalks from a single root.

Postpaid—5 lbs. \$2.00, 10 lbs. \$3.75.

SWEET SUDAN—A greatly improved Sudan Grass from a hybridization of Leota Red Sorghum on Common Sudan. It has great palatability, livestock eating it to the ground before touching common sudan or other forage sorghums. Sweet Sudan has broader leaves, larger stems and makes taller growth, stooling heavier than common Sudan. It is a truly great improvement over common Sudan.

Postpaid—5 lbs. \$2.25, 10 lbs. \$4.00.

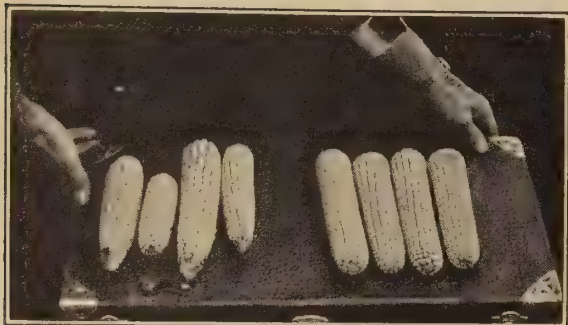
NOTICE

ALL CANE AND SORGO SEED OFFERED ARE FOR FORAGE PURPOSES ONLY

ASK FOR SPECIAL QUANTITY PRICES ON FIELD SEEDS AND FARM SEEDS

Jacques Proven HYBRID SEED CORN

Available for 1956 Planting



Note uniformity of ears of Hybrid Corn on right against ordinary Corn on left. Hybrid Corn will outyield open pollinated varieties of the same maturity by 15 to 25%.

JACQUES PROVEN HYBRIDS

Our Jacques Proven Hybrid Seed Corn is available in a wide range of maturities, and the maturities are dependable because of the northern breeding. You can choose the earliest hybrid there is; we can supply you with Jacques Hybrids for this locality that will ripen when you want them to, extra earlies, earlies, medium earlies and full-season corns.

Maturity comparisons based on University of Minnesota Misc. Report No. 17 of March, 1953.

80 Day Strain (No. 802, No. 803)—Comparable in maturity to Pride DIA, Wisc. 255.

85 Day Strain (No. 854)—Comparable in maturity to Wisc. 279, Pride B3, Kingscrot KE-2, KE-3.

90 Day Strain (No. 901-J, No. 907)—Comparable in maturity to Wisc. 275, Minhybrid 706, Pioneer 396, Funks G-25, G-188, DeKalb 43, 46.

95 Day Strain (No. 957-JA)—Comparable in maturity to Wisc. 416, Minhybrid 602, Kingscrot KA4, KH3, Pioneer 382, Funk's G-35-A.

100 Day Strain (No. 1004-J)—Comparable in maturity to Wisc. 464, Kingscrot KS2, KS4, DeKalb 56, 65, Pioneer 377-A, Funk's G-177.

105 Day Strain (No. 1053-J, No. 1055-J)—Comparable in maturity to Wisc. 525, Kingscrot KS6, KL, Pioneer 379-A, 372, Funk's G-5, G-6, G-68.

110 Day Strain (No. 1103-J)—Comparable in maturity to Wisc. 575, Kingscrot KO, DeKalb 63, 240, Pioneer 349, 373, Funk's G21, G26.

115 Day Strain (No. 1157-JA)—Comparable in maturity to Wisc. 692, Kingscrot KO, DeKalb 408, 410, Pioneer 352, 347, Funk's G-28.

120 Day Strain (No. 1205-J, 1208-J)—Comparable in maturity to Wisc. 692, Kingscrot KY, DeKalb 404-A, Funk's G-29.

Prices of All Certified JACQUES Hybrids

All Hybrid Corn is State sealed and certified in bushel bags of 56 lbs. and is treated, ready to plant. One bushel will plant 7 to 8 acres.

JACQUES CHOICE FLAT KERNEL GRADE—\$11.90 per bu. of 56 lbs., f.o.b. Denver.



BETTER STANDING STALKS—Jacques corn is inherently resistant to the diseases that cause stalks to break and lodge and ears to fall off.

SIB-BRED

An entirely new kind of corn with the stock strength and disease resistance of Hybrid at a price comparable to open pollinated.

SIB-BRED No. 1F—Flint dent, falconer maturity.

SIB-BRED No. 1—Colorado No. 13 maturity.

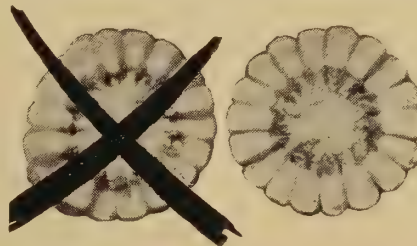
SIB-BRED No. 2—Minnesota No. 13 maturity.

SIB-BRED No. 3—Reid's yellow dent maturity.

Put up in bushel bags of 56 lbs.

SIB-BRED—FLAT KERNEL GRADE

\$7.45 per bushel of 56 lbs., f.o.b. Denver.



MORE CORN ON THE COB

Not just the size of the ear, but the depth of kernel, the high shelling percentage, accounts for the bigger weighed yields of dry, shell corn.

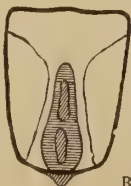
SILO SALAD

A blend of evenly sized choice kernels blended for each maturity zone so that the crop will be just right for the silo. It will make a good ear on practically every stalk and in the field there will be many well matured ears to give the silage extra richness and extra palatability.

FLAT KERNEL GRADE—50 lbs. \$9.00, 100 lbs. \$17.50.

BETTER FEED VALUE

Jacques corn makes big kernels with large fatty germs, packed with protein and surrounded by much mellow soft starch. The leaves are broad, long and thick, making better ensilage, too.

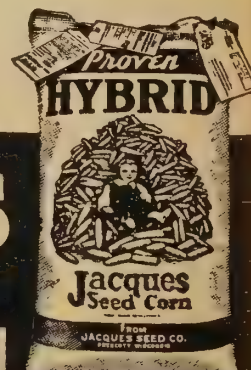


MORE AND DEEPER ROOTS

Bred into this corn is the "will" to reach deep for moisture and food, and to firmly anchor the stalk.

FOR BEST RESULTS PLANT

Jacques Proven HYBRID SEED CORN



GARDEN HOSE

SWAN'S CROWN JEWEL PLASTIC HOSE

8 Year Guarantee

Virgin vinyl plastic, light weight, easy to handle, clear colors of Kelly Green, Light Green, Cherry Red and Amber. Full 1/2 inch inside diameter with brass reattachable couplings, in 25 and 50 ft. lengths. Postpaid, 25 ft. length, \$3.95; 50 ft. length, \$6.95.

No. 8700

SWAN'S RAINBOW PLASTIC

5 Year Guarantee

Virgin vinyl transparent plastic, full 7/16 inch inside diameter. Your choice of Kelly Green, Light Green, Cherry Red, Amber and Aquamarine. Postpaid, 50 ft. length, \$5.95.

No. 8350

SWANETTE PLASTIC

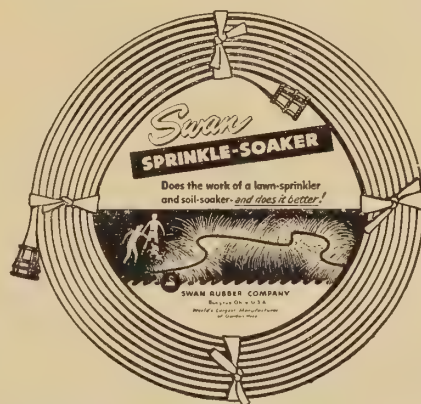
Full 7/16 inch inside diameter, very light, easy to handle, beautiful clear plastic, with maxivolume couplings for 50% faster water flow. Available in deep green and brilliant red. Postpaid, 50 ft. lengths, \$3.95.

No. 8856

SWAN TRANSLITE PLASTIC HOSE

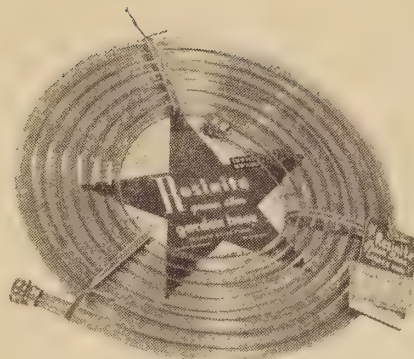
10 Year Guarantee

Made of virgin plastic with traces of beautiful green color pigments for brilliant transparency. Very light yet tough, flexible and durable. Kinking, twisting, weathering, sunlight, heat, freezing, oils, greases and most chemicals will not harm it. Mirror-smooth finish, equipped with reattachable couplings. Full 1/2 in. inside diameter. Postpaid, 25 ft., \$4.75; 50 ft., \$7.95; 75 ft., \$11.25.



SWAN'S TRIPLE-TUBE FLEXIBLE SPRINKLER

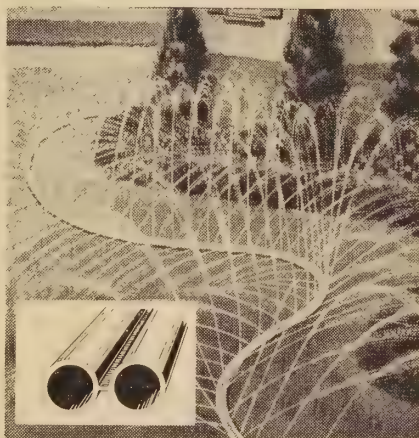
Water openings on one side only. Every square foot of area receives a steady, gentle soaking! Covers a strip about 25 feet wide the entire length of the sprinkler, with normal city water pressure. Made of beautiful green plastic. Tough, thick walls prevent tearing, snagging on thorns, or bursting. Female couplings on one end, male coupling with brass cap on other end. Additional sprinklers can be attached in series. Postpaid, 25 ft. length, \$3.25; 50 ft. length, \$4.98.



RESINITE GREEN STAR GARDEN HOSE

Transparent vinyl with attractive green tint, octagonal shape, sturdily built for long life. Full 1/2 in. with brass reattachable couplings, fully guaranteed. Postpaid, 50 ft. length, \$7.95; 25 ft. length, \$4.45.

RESINITE TWIN-TUBE SPRINKLER



Extra width twin tube style distributes more water more evenly. Improved vinyl plastic gives longer life, greater strength, increased weather resistance and even more flexibility.

Postpaid, 25 ft., \$3.30; 50 ft., \$4.95.



No. 8100

SWAN GREEN RUBBER HOSE

Guaranteed for 5 Years

A full 3/8 inch hose with a single braid of light green rayon cord, and a good looking green rubber cover. Postpaid, 50 ft. length, \$8.95; 25 ft. length, \$5.25.



No. 8101

RED RUBBER HOSE

Guaranteed for 10 Years

A full 3/8 inch with smooth tough inner tube and a single braid of heavy rayon cord. Attractive red cover of rubber-like material. Postpaid, 50 ft. length, \$9.75; 25 ft. lengths, \$5.50.

No. 8050

SWAN BLACK RUBBER HOSE

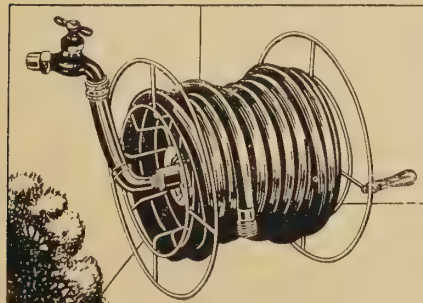
A full 9/16 inch of smooth seamless inner tube reinforced with a strong body of hose yard to which is vulcanized a tough wear-resisting natural black rubber cover. Postpaid, 50 ft. length, \$7.45; 25 ft. length, \$4.10.

No. 205

SWAN INDUSTRIAL BLACK RUBBER HOSE

For extra heavy duty for estates, golf courses, green houses, etc. Tough inner tubes reinforced with two heavy braids of cotton tire cord and thick covers of rubber. Heavy duty couplings. Full 3/4 in. inside diameter. Postpaid, 50 ft. length \$16.00.

GARDEN HOSE REEL



Saves time, makes hose handling effortless and keeps your hose neat, yet instantly ready for kinkless service. You'll like this guaranteed leakproof reel. Beautiful satin finish aluminum, sturdy, adjustable connector arm holds reel ready to spin on your faucets. Order one for neat hose storage. 100 ft. hose capacity. \$7.95 each, postpaid.

IT SOAKS! IT SPRAYS!

RESINITE

Soaker-Spray

A complete sprinkling system for lawn or garden. A perforated length of Resinite vinyl tubing that attaches to garden hose. Gives soft, fine spray of any desired volume or use as soaker. Guaranteed not to rot or mildew. Mfd. by makers of famous Resinite garden hose. 20' length, \$1.95; 35' length, \$3.55.

MORGRO

**Proved Best for Western
Soils**

**MORGRO
FERTILIZER**

**Outdemonstrates
ALL OTHERS!**

- ★ With added iron
for greener growth
- ★ Contains all 12
plant foods known
essential for plant
growth

Morgro fertilizer contains all of the mineral elements needed by plants. These essential elements are added to Morgro in available form so that the plant can use them. The three major elements are present in a ratio of 6 per cent nitrogen, 10 per cent phosphate, and 4 per cent potash. Iron sulphate, is added (5 per cent) to make plants greener.

Plants thrive on Morgro. Compare it with other garden fertilizers in your own garden. There is a difference—the plants will show it.

Morgro is used on lawns, flowers, roses, vegetable gardens, shrubs and trees, at the rate of three pounds per 100 sq. ft. It may be applied any time of year but is usually put on in spring or early summer. It feeds the roots as well as the tops.

5 lb. pkg., 50c; 25 lb. bag, \$1.65; 50 lb. bag, \$2.80; 100 lb. bag, \$5.50, f.o.b. Denver.

**Mountain PEAT and
SHEEP MANURE**

A mixture of half peat and half sheep manure. 2 bushel bags, \$2.25 ea. f.o.b. Denver.

Mountain SHEEP MANURE

2 bushel bags, \$2.25 each f.o.b. Denver.

Mountain PEAT HUMUS

2 bushel bags, \$2.25 each f.o.b. Denver.

**FERTILIZERS****GOLDEN VIGORO**

May be applied to wet grass or dry grass... when it's hot or when it's cold without the least danger of burning when used in recommended amounts.



Just one feeding lasts a season. Controlled feeding, a Golden Vigoro exclusive feature, assures slow release of nutrients uniformly over a three or four month period to keep your lawn deep green and beautiful.

Contains all the food elements specifically needed for soil to develop the finest, deep-rooted grass.

Economical to use. You need only one to three pounds per hundred square feet of lawn area to feed your lawn for maximum beauty.

50 lb. bag.....\$4.00
f.o.b. Denver

INSTANT VIGORO

Vigoro is now available in a highly concentrated, completely water-soluble form. It is designed for gardeners who prefer to use liquid fertilizers entirely or to give supplementary quick feedings to lawns, gardens, shrubs and trees, either through the soil or by foliar applications. It can also be used in making starter solutions for transplants and liquid fertilizers for house plants.

Price—1/2 lb. cans 80c; 1 lb. \$1.25; 3 lbs. \$3.00, Postpaid.

FERTILIZER ELEMENTS

MURIATE OF POTASH—60% available Potash.

80 lb. bags.....\$4.00

SULPHATE OF AMMONIA—20 1/2% available Nitrogen.

25 lb. bags.....\$2.00

80 lb. bags.....\$4.50

TRIPLE SUPER PHOSPHATE—

45% available Phosphate.

80 lb. bags.....\$5.25

AMMONIUM NITRATE—33% available Nitrogen.

80 lb. bags.....\$5.50

All f.o.b. Denver

PASTURE FERTILIZER

12-12-12

Contains 12% Nitrogen; 12% Phosphoric Acid, 12% Potash.

100 lb. bags.....\$5.50
f.o.b. Denver



\$3.40

**WONDER GRO
COMPLETE PLANT FOOD**

New Wonder Gro is enriched with nitrogen, phosphorus and potash in a ratio recommended by soil experts plus the iron element Colorado soils need. Because Wonder Gro is enriched with these nutrients, your lawn thrives on food—needs less water. Use one pound per 100 square feet. One application lasts up to three months, because it contains two forms of nitrogen: one that dissolves quickly to give lawns a fast start, another available over a longer period.

50 lb. bags, \$3.40, f.o.b. Denver

O-GAN-O

**All-Organic Fertilizer and Soil Builder
with Nitrogen, Available Phosphoric Acid
Essential Minerals**

A quality 100%-natural product scientifically processed for applying to everything that grows. Easy to apply by hand or spreader anywhere, in any weather, any time. Cannot burn roots or foliage. Needs no watering in.

For improving the physical condition of your soil, for increasing its water-holding capacity, for improving soil aeration.

Goes to work on lawns, flowers, shrubs, trees, fruits, and vegetables quickly after being applied. It keeps on delivering plant food benefits as needed.

Guaranteed to contain not less than 5% Nitrogen and 6% available Phosphoric Acid. It's the Nitrogen that helps give the luxuriant dark green color to your lawn and plants, helps promote leaf, stem and seed growth. It's the available Phosphoric Acid that stimulates early root formation and growth, gets plants off to a vigorous start and stimulates blooming.

20 lb. bags.....\$1.35

40 lb. bags.....\$2.50

f.o.b. Denver

RA-PID-GRO



the
Foliage Plant Food
Analysis 23-21-17 with
Minor Elements,
Vitamins and Growth
Hormones
Good for All Crops

For better growing, fruiting and flowering results. We strongly recommend this sensational plant food! A clean, odorless powder, instantly soluble in water. Easy to apply!

8 oz. \$.69	5 lbs. \$4.50
1 lb. 1.25	10 lbs. 8.75
2 lbs. 2.35	25 lbs. 21.00

Postpaid



TRI-CON FERTILIZER UNIT

Model 500. Automatically gives the proper ratio of ½ oz. of fertilizer to 1 gallon of water at all times regardless of water pressure or amount of fertilizer in jar. Use with Instant Fertilizers such as Ra-Pid-Gro and Instant Vigoro. This all purpose nozzle features trigger control and a patented reversible cap to give you any type of stream you need. May also be used as a hose nozzle without fertilizing attachment. Postpaid, \$5.75 complete.

ATLAS
FISH EMULSION
FERTILIZER
the ORIGINAL fish fertilizer emulsion

Complete, balanced liquid plant food made from sea-going fish. 100% organic. Non-burning, deodorized. Works rapidly. Inexpensive. Gives vigorous growth. Feed as you water. 1 tbsp. to gallon of water for most outdoor plants. Unsurpassed for all plants, outdoor and indoors. As advertised in garden magazines.

Trial 4 oz. size, 39c

Pint	\$1.00
Quart	\$1.90
Gallon	\$6.25

Pilgrims learned from Indians to use Fish Fertilizer

ROSE INSECTICIDE & FUNGICIDE



One complete formula—all that's needed to grow beautiful Roses. Contains miticide in addition to insecticides and fungicides, for easy full season use. Use as a spray or dust. Contains methoxychlor, lindane, ferimate, sulphur and a miticide.

Postpaid
8 oz. dust gun pkg., \$1.29
1 lb. canister, \$1.69

VEGETABLE GARDEN DUST



Safe and effective formula-tion for all vegetables. Controls sucking and chewing insects as well as diseases. A combination insecticide-fungicide—safe to use on even the tenderest plants, such as cucumbers.

Postpaid
8 oz. dust gun, 98c
1 lb. can, \$1.25

DUPONT'S 50% D.D.T.

(Wettable Powder)

Designed primarily for spray applications, controls many insects affecting garden and ornamental plants. May be used as an area treatment for ticks, flies and other insects.

Postpaid, 1 lb., 90c

DUPONT'S 50% TECHNICAL METHOXYCHLOR (Marlate)



For use on flowers, vegetables and fruits. It can be used close to harvest because of its low toxicity. Ideal on pets, horses and cattle for fly, tick and flea control. Spray or dust.

Postpaid
8 oz. \$1.00

DUPONT'S 6% CHLORDANE

Controls ants, cutworms, Japanese beetles, grubs, chiggers and many other insects in your lawn or garden. Easy to use in handy sifter top cans.

Postpaid, 1 lb. 60c



DUPONT'S FERMATE

Gives remarkable control of plant diseases such as black spot of Roses, Leaf Spot, Rust, mildews on both flowers, trees, and shrubs as well as vegetables.

Postpaid
8 oz. can, \$1.00

DUPONT'S FERRO FTE

(Pritted Trace Elements)

Slow soluble soil mineralizer for lawns, gardens and potted plants. To keep healthy growth of plants, prevents yellowing of foliage and stunting of growth. Apply one lb. to 400 sq. ft.

Postpaid, 1 lb. can \$1.00

DUPONT'S SOLUBLE PLANT FOOD (19-22-16)

This completely soluble plant food can be sprayed or sprinkled on lawns, gardens and house plants. Will not burn foliage or roots when used as directed. Contains DuPont urea and trace elements.

Postpaid,
1½ lb. can \$1.95; 4 lb. bags, \$3.50
AMMATE WEED & BRUSH KILLER
(Ammonium Sulfamate)

Ideal for control of poison ivy, brush and other hard to kill weeds, especially in driveways, sidewalks and spots where tough weeds grow, without hazard to children or pets. (Not for lawns.)

Postpaid
2 lb. pkg., \$1.15; 6 lb. pkg. \$2.95

DUPONT'S AEROSOL GARDEN INSECT SPRAYER



This is the easier way to control insects in flower gardens, roses and ornamentals. Kills rose beetles, chafers, aphids, Japanese beetles and many other insects.

Postpaid
12 oz. Bomb, \$1.59

DUPONT'S AEROSOL LAWN WEEDER



Quick easy way to spot treat lawns. Contains 2,4-D, also includes white tracer which marks sprayed weeds. To use simply shake can and press spray nozzle.

Postpaid
12 oz. Bomb, \$1.79

MORGRO

MORGRO ALL-IN-ONE INSECTICIDE

A one-shot treatment for garden pests. The finest all-purpose garden insecticide in dust or liquid concentrate. Contains new Malathion and D.D.T. and controls most garden pests in one application with a long residual effect. Controls a long list of garden pests, including ants, aphids, boxelder bugs, cutworms, earwigs, red spiders, mosquitoes, pillbugs, rose beetles, thrips, and many others. All-In-One liquid is a strong concentrate and is an effective home orchard spray to control fruit pests. Dust comes in handy new duster package.

ALL IN ONE LIQUID

4 oz., \$1.00; Pint, \$3.00, Postpaid

ALL IN ONE DUST

8-oz. Duster Gun, \$1.00
1-lb. Refill Pkg., \$1.25
f.o.b. Denver

MORGRO CHLORDANE 5% DUST

One of the safest, most economical insecticides for controlling ants, boxelder bugs, cockroaches, cutworms, earwigs, grasshoppers, and many others. Is economical and effective in controlling soil pests in lawns, such as grubs and earthworms. Excellent for use on black widow spiders.

1-lb. can, 55c; 4-lb. can, \$1.50
f.o.b. Denver

MORGRO

NEW GOLDEN YELLO-CURE

The quickest, most effective way to stop yellowing in plants! New Golden Yello-Cure is a chelated iron compound that has proved fast and effective in controlling yellowing caused by lack of iron in trees, shrubs, roses, flowers, and other plants. Easy to use and inexpensive, too—one teaspoon per sq. ft. is spread on the soil and soaked in with water.

8 oz., \$1.80, Postpaid

MORGRO MILDU-CURE

The very latest development in mildew control. New Mildu-Cure, containing Karathane, is effective in controlling mildew on plants and will also kill some species of mites. Is safe to use and more effective than sulphur for mildew control. Economical to use—2 teaspoons make 3 gallons of spray. One bottle makes 10 gallons of spray—more than a season's supply!

1½ oz., 65c, Postpaid



3-WAY GARDEN DEFENSE—A combination insecticide to take care of all garden pests, both chewing and sucking as well as fungus diseases in one application. Use with confidence on edible fruits and vegetables as well as shrubs, trees and flowers.

4 oz. Sifter Package\$.25
10 oz. Applicator Gun79
8 oz. Refill Cartridge59
2 lb. Pouring Spout Pkg. 1.79

DIELDRIN "18" (LIQUID)

Sensational control of lawn insects and many others. Controls ants, chiggers, white grubs, sod webworms, and others in lawns. In flower gardening soil for cutworms, wireworms, earwigs, slugs, root maggots and others; household pests such as roaches, silverfish, carpet beetles, box elder bugs, termites, and others. 8 oz. \$1.35; pints \$1.95; quarts \$3.50, f.o.b. denver.

ACME BORDEAUX MIXTURE

This mixture is the standard copper fungicide that has given fine satisfaction for over a hundred years. Controls many diseases on fruit trees (including peach leaf curl), vegetables, flowers and shrubs. As Bordeaux is a preventative, spraying should start before fungus spores gain foothold. 1 lb. 80c; 4 lbs. \$1.95. f.o.b. Denver.

PESTROY — 25% DDT EMULSION

Mixes with 4 parts of water for a full 5% spray to control flies, mosquitoes, ticks, mites, wasps, silverfish in buildings (not finished), kennels, barns (except dairy), etc. On cattle, sheep and hogs (except dairy animals). On crops—corn, potatoes, peas. Quarts \$1.70; gallons \$5.25.

ACME FLY BAIT

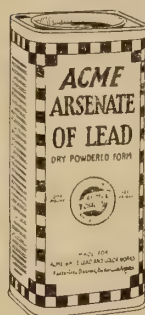
New attractants kill house flies quickly including resistant varieties. Prolific breeders, house flies are the No. 1 pest. Just shake from can or bag onto floors or other surfaces where flies breed and congregate. The large parasitic flies and blood sucking flies are less attracted. Active element is popular Malathion.

1 lb. cans 80c, f.o.b. Denver

ACME LIME SULPHUR (DRY)

Containing 65% Calcium Polysulphides, it is a very valuable spray against many insects as well as some important fungus infections. It is a favorite spray control of scale, mites, peach leaf curl, mildew on fruit trees, berry bushes, and as clean-up spray on roses. 1 lb. 85c; 5 lbs. \$3.55, f.o.b. Denver.

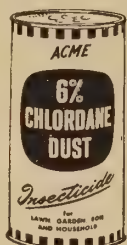
ACME ARSENATE OF LEAD



Thoroughly reliable in killing insects which destroy foliage and attack fruits. Safe to use on tender foliage. When worked into lawns and other turf, grubs, worms, etc., are killed and the turf "proofed" against insects for some years. Treatment discourages germination of crabgrass seeds.

1 lb. carton 90c
4 lbs. \$2.25
f.o.b. Denver

ACME 6% CHLORDANE DUST



Easy does it, simply sift on lawns and in the garden for controlling ants, lawn moths, chiggers, cutworms, earwigs, grubs or work into gardening soil for wireworms, grubs, root maggots. Excellent for spotting along baseboards, or crevices in homes to eliminate unwanted ants, cockroaches, silverfish, crickets and box elder bugs.

1 lb. sifter carton 69c
4 lb. bag \$1.75
f.o.b. Denver

ACME DUSTING SULPHUR

Mildews and many other fungus diseases as well as certain mite insects just can't stand sulphur. Light dustings (or sprayings) furnish a protective coating on roses and many other foliage plants against mildew and spot. Effective against red spider and certain mites on evergreens, legumes, deciduous and citrus fruits.

2 lb. sifter 75c, f.o.b. Denver

ACME TOMATO DUST



Many common spraying and dusting materials are irritating to tomato plants, causing rapid respiration so that they lose moisture more quickly than the plant can replace. Acme Tomato Dust is especially formulated for tomatoes, controlling blights and worms and permitting best possible harvest.

1 lb. pkg. 69c; 4 lb. bag \$1.75;
50 lb. bag \$13.00, f.o.b. Denver

ACME GARDEN GUARD

America's favorite rotenone dust for vegetables and flower gardens. Safe to use on edible portions of plants right up to picking time. Kills most common garden insects of both sucking and leaf chewing types. No mixing, no muss—shake from sifter package hitting insects to be controlled.

1 lb. sifter can 60c each;
4 lb. bag \$1.50, f.o.b. Denver

ACME GARDEN FUNGICIDE

A new fungicide containing 30% Captan and 3% Karathane for the control of black spot and powdery mildew on roses, flowers and ornamentals. Fungicide spraying is well worth while.

½ lb. cans \$1.40, f.o.b. Denver

ACME ALL ROUND SPRAY



A fruit spray—a flower spray—useful on vegetables—truly an All Round Spray. Ideal for the amateur who wants high grade protection without the necessity of using a number of specific controls for various pests. A proven favorite. Helps simplify the problem for the dealer as well as consumer.

ACME 5% LINDANE SPRAY



Active three ways—when eaten—by contact—by action of vapors. Especially useful for protecting foliage and flowers both indoors and out. Also useful in control of hard-to-kill bugs in early spraying of fruits and vegetables. Carries recommendations of Government officials as a safe residual spray for fly control around exterior of homes, on porches and in barns. Has uses in control of turf and soil insects.

4 oz. 75c; Pints \$2.40, f.o.b. Denver

CRYOLITE CUCUMBER AND MELON DUST

A very effective control against blight and striped cucumber beetle, on cucumbers and melons. Use at the rate of 20 pounds per acre. 1 lb. 45c, 5 lbs. \$1.65, 20 lbs. \$4.50, 50 lb. bag \$7.50, f.o.b. Denver.

ROCKY MOUNTAIN HI-ALTITUDE APHIS DUST

A combination of Free Nicotine, and B-71 for the control of aphids on cabbage, peas, cauliflower and broccoli. 5 lbs. \$1.65, 20 lbs. \$5.50, 50 lb. bags \$8.00, f.o.b. Denver.

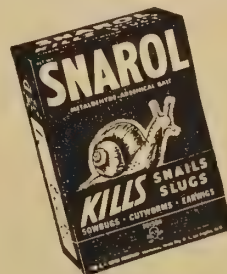
1% ROTENONE DUST—Controls insects on vegetable crops, leaves no poison residue. Standardized at ¼% Rotenone content. 1 lb. 50c, 5 lbs. \$1.65, 20 lbs. \$5.50, 50 lb. bag \$9.00, f.o.b. Denver.

ROCKY MOUNTAIN R-60 DUST—A combination of Lethane, Rotenone and sulphur. Recommended for the control of many sucking and chewing types of truck crop insects such as pea aphids (and other plant lice), cabbage loopers, leaf hoppers, pea weevils and Mexican bean beetles. 1 lb. 50c, 5 lbs. \$1.25, 20 lbs. \$4.50, 50 lb. bag \$7.00, f.o.b. Denver.

10% DDT DUST—To be used when the 5% dust does not give good control, or hard to kill insects. 1 lb. 65c, 5 lbs. \$2.65, 20 lbs. \$5.00, 50 lb. bags \$8.00, f.o.b. Denver.

COPPER CELERY DUST—Recommended for the control of early and late fall blight or rust of celery. 1 lb. 45c, 5 lbs. \$1.55, 20 lbs. \$3.00, 50 lb. bag \$5.50, f.o.b. Denver.

SNAROL BAIT FOR SNAILS AND SLUGS



Contains metaldehyde, the best slug and snail bait known, lures slugs and snails from plants and kills fast, two forms now available.

PELLET FORM—1 lb. pkg. 50c, 2½ lb. pkg. \$1.00, 6 lb. pkg. \$2.00 f.o.b. Denver.

MEAL FORM—1 lb. pkg. 50c, 2½ lb. pkg. \$1.00, 6 lb. pkg. \$2.00 f.o.b. Denver.

DOW'S

OVOTRAN WETTABLE—A new miticide for control of certain mites on shade trees and ornamental shrubbery and roses. Compatible with common insecticide and fungicides. Usual dilution is 1 pound to 100 gallons of spray. 1 lb. pkg. \$1.60, 4 lb. bag \$6.00, f.o.b. Denver.

LINDANE 25% WETTABLE—For the control of aphids, thrips, cucumber beetles, leaf miners and caterpillars. Also used for seed treatment on corn for the control of wireworm and seed corn maggot. As a residual spray for controlling flies, roaches, ants and mosquitoes, as well as lice and ticks on cattle. 1 lb. cans \$2.55 each, f.o.b. Denver.

INSECTICIDES

45% EMULSIFIABLE CHLORDANE



CONCENTRATE — Contains 4 full lbs. of Chlordane per gallon. Water soluble. For crop and animal spraying, one gallon mixed with 200 gallons of water. One gallon treats $5\frac{1}{3}$ acres for grasshopper control. 4 oz. 75c; 8 oz. \$1.25; pints \$1.95; quarts \$2.95; gallons \$7.45, f.o.b. Denver.



BLACK LEAF "40"—Highly recommended as a spray for aphids, leaf hoppers, leaf miners, most thrips, young sucking bugs and other similar insects. Kills by contact and by fumes. One ounce makes six gallons of effective spray. 1 oz. 49c, 5 oz. \$1.19, 1 lb. \$2.98, 2 lbs. \$5.29, 5 lbs. \$7.60, 10 lbs. \$14.70, f.o.b. Denver.

50% MALATHION — A safe phosphate type spray. A new development proven for control of flies, European red mites, two spotted mites, clover mites, aphids, psyllids on fruits, vegetables and shrubs. Residual activity 8 to 10 days. 4 oz. 98c; 8 oz. \$1.75; pints \$2.70; quarts \$4.75, f.o.b. Denver.



BLACK LEAF 5% CHLORDANE DUST

—A dust that kills garden pests by contact and vapor. Has lasting effect and killing power. Controls ants, roaches, silver fish, spiders, grasshoppers, earwigs, crickets, cutworms, cabbage and onion maggots. Controls Japanese beetle grubs and chiggers in the lawn. 1 lb. 49c, 4 lb. pkg. \$1.69, f.o.b. Denver.

SCALECIDE

A miscible oil spray containing a combination of vegetable and mineral oils that is well-known as one of the safest and most effective dormant sprays for fruit trees, shade trees, shrubs and evergreens. Scalecide is used for the control of scale, aphids, red mites, brown rot cankers, and has a great effect on the vigor and vitality of your trees.



Qts. \$1.25, gals. \$2.75, 5 gals. \$9.50, larger quantities quoted on request, f.o.b. Denver

PARA-SCALECIDE

The safest and most effective method of peach borer control for both young and old trees. Para-Scalecide is diluted with 7 parts of water and poured against the base of the trees during the early Fall or late Spring. Save time and labor. Gals. \$3.25; 5 gals. \$12.50, f.o.b. Denver.

SUMMER SPRA CREAM

A stabilized 83% Summer oil emulsion for foliage spraying of fruit trees, shade trees and evergreens, used as a dormant spray for ornamentals and evergreens by nursery and shade men. Used as a sticker for Arsenate of Lead sprays, combines with DX Spray Nicotine and Bordeaux. Qts. \$1.25, gals. \$2.75, 5 gals. \$10.00, f.o.b. Denver.



SURFISPRAY

Contains 5% DDT fortified with pyrethrum and piperonyl cyclohexanone for use with flies, mosquitoes, moths and fleas. For use in the home. Qts. \$1.50; gals. \$3.50, postpaid.

BLACK LEAF 1% ROTENONE DUST—



Rotenone Dust is a well-known specific insecticide for cabbage worms, and is equally effective for other garden pests such as Mexican bean beetles, asparagus, cucumber, and flea beetles. This extra-strong 1.00% dust is not hazardous to humans; may also be used on pets.

1 lb. 49c, 4 lb. pkg. \$1.69, f.o.b. Denver

BLACK LEAF PYRONONE Insect Killer

for indoor use against **FLIES** and **Ants**—Superlative knockdown and quick kill with pyrethrins and activator. Excellent for roaches, clothes moths, crickets, silver fish and bedbugs. Spray 5 seconds for 1000 cubic feet, or spray individual flies and watch them drop. Excellent for dairies, each one treats about 100 animals. 12 oz. Aerosol \$1.49, f.o.b. Denver.



FUNGICIDES

DIATHANE Z-78 — A fungicide for the control of early and late blight, downy mildew, mold and mildew rust, anthracnose on tomatoes, celery, cucurbits, potatoes, beans and gladiolus. Use 1 lb. to 100 gallons of water. 3 lb. pkgs. \$3.00, f.o.b. Denver.

TRI-BASIC COPPER SULPHATE 53% Copper

—Is effectively used for the control of persistent diseases, such as blight on potatoes, tomatoes, celery and sugar beets, and black rot on grapes. In sprays this fungicide should be used at the concentration of one-half or less of the quantity of copper sulphate ordinarily used in Bordeaux Mixture. In dusts the recommended quantities of TRI-BASIC plus talc or clay has largely replaced the old fashioned Copper-Lime dusts. This is especially true where DDT is recommended inasmuch as it is generally recognized that the presence of excess lime greatly reduces the effectiveness of the insecticide. 6 lb. bag \$2.00, 48 lb. case \$14.40, f.o.b. Denver.

YELLOW CUPROCIDE—A highly effective spray material in the form of a dry powder. It suspends readily in water. For control of damping-off in its second stage, spray seed bed immediately after planting seed and once more before seedlings appear. Spray seedlings every 7 to 10 days. Especially good for the control of blight and leaf spot on celery, tomatoes and potatoes; 3 lb. package makes 200 gallons of spray. 3 lbs. \$2.25, 100 lbs. \$61.00, f.o.b. Denver.



MOUSE SEED—A saucer and the seed is all you need to rid your place of mice. A natural seed, chemically treated, to appeal to the mouse, yet is fatal to them. Pour a small quantity of the seed into a saucer and place where you find traces of mice, and results will be quickly obtained. They devour the seed eagerly. Price per pkg., 25c; 5 pkgs., \$1.00. Postpaid.

SCRAM DOG REPELLANT

A special powder used to keep dogs away from shrubs, flowers, lawns, store fronts, porches, etc. Easy to use. Does not harm animals.

8-oz. Shaker 60c
f.o.b. Denver



Seed Treatments

Treat Vegetable and Flower Seeds

New ARASAN is the most modern disinfectant for all garden seeds. In actual tests, untreated seeds that produced a 64% stand, showed 83% stand after dusting with Arasan! Nearly 30% increase—it pays! Non-irritating, easy to apply. $\frac{3}{4}$ oz. pkt. 25c, 8 oz. can \$1.00. Postpaid.



Treat Your Seed Grains with

CERESAN 'M'

It's Less Irritating to Skin, Eyes, Nose!

6% to 18% bigger yields of grain crops obtained when seed wheat, oats, and barley were treated with Ceresan! Boost your yields—improve stand and quality by this simple treatment which costs but a few cents an acre. It's easy to apply with a homemade treater or by the simple shovel method. Does not affect planting rate or cause trouble in the drill. Can be applied 6 months before planting if desired. $\frac{1}{2}$ ounce treats one bushel of grains, millets, or flax.

NEW CERESAN 'M' can be applied wet or dry. 14 oz. can, treats 28 bu., \$1.60; 3 lb. can, treats 96 bu., \$4.45. Postpaid.

SEMESAN

For the treatment of bulbs, flowers, seeds and brown patch in the lawns. 4 oz. can \$1.20; 12 oz. can \$3.40. Postpaid.

SPERGO

New Non-Poisonous Seed Protectant

Recommended for Use on Beans, Peas, Corn and Lima Beans

Growers report an increase in yield of over 35% from Spergon-treated seeds. Spergon kills harmful soil fungi and bacteria—prevents decay and damping-off, especially in cold, wet weather. Spergon assures better germination of seed and produces healthy, vigorous plants that give better yield. (Can be used with Nitragin.) Price: 1 oz. pkg. 25c, 5 oz. pkg. \$1.00, 1 lb. \$2.50, 10 lbs. \$20.00, postpaid.

ORTHOCIDE 50 WETTABLE (50% CAPTAN)

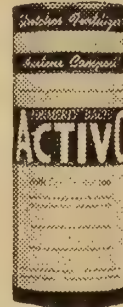
A fungicide powder suitable for the control of certain fungus diseases of apples, peaches, cherries, strawberries, also potato and tomato blight, downy mildew on cucurbits, leaf spot on carrots, and brown patch and root rot in lawns, as well as black spot on roses. Requires 4 to 6 pounds per acre depending on infestation. 4 lb. pkg. \$3.35, f.o.b. Denver.

Make Your Own Organic Fertilizer

ACTIVO

It Converts Leaves and Garden Trash to Valuable Fertilizer

COMPOST ACTIVATOR—SOIL ENERGIZER—Just sprinkle Activo on the kitchen waste, leaves, garden rubbish, etc., to make the best type of organic fertilizer easily and quickly—often in as little time as 3 weeks. Organic! Use Activo also directly in soil, mulches, hotbeds, etc., for more "grow-power," better balance. No. 2 size, for 400 lbs. compost \$1.15; No. 7 size, for 1600 lbs. \$2.95. Postpaid.



ROOTONE plus Fungicide

Now you can root cuttings with your old dependable Rootone, the famous plant hormone powder, and at the same time protect them against damping-off and other soil-borne diseases. A "must" for successfully starting cuttings.

Trial packet 25c; 2-oz. jar \$1.00, 1 lb. \$5.00 Postpaid



TRANSPLANTONE



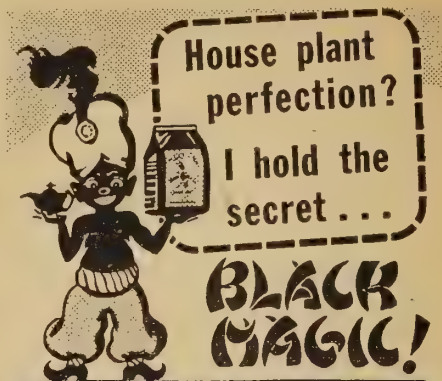
Use Transplantone, the hormone-vitamin combination, to prevent wilting when you set cuttings or transplant grown plants. Save tomatoes, lettuce, cabbages, peppers, zinnias, pansies, azaleas, evergreens from transplanting shock.

Trial packet 25c 3-oz. canister \$1.00 1 lb. \$4.00 Postpaid

FRUITONE

Spray Fruitone, the fruit setting compound, on tomato buds at blossoming time, and each one will set more big meaty tomatoes. Treat limas and string beans, too.

Trial packet 25c 2-oz. canister \$1.00 Postpaid



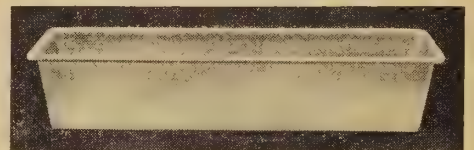
PLANTER MIX

Eight ingredients blended to grow African Violets, Philodendrons, all house plants. No drainage needed; avoids corrosion and sourness. Guaranteed analysis.

240 cu. inches. \$.69
 $\frac{1}{3}$ cubic foot. 1.50
 f.o.b. Denver

"BO-KAY"

FIBER GLASS FLOWER BOXES FOR INDOOR OR OUTDOOR PLANTING



They are completely water tight, are unaffected by soil acids, alkalis or fertilizers. BO-KAY boxes may be filled with soil for direct planting or used as decorative containers for potted plants.

Attractive colors are molded right into lightweight, durable fiber glass, won't fade or peel. Turned upper edge adds a finished touch and makes filled boxes easy to handle. With the lightness of aluminum and tensile strength of steel, these flower boxes are extremely durable and not subject to denting. May be nailed to window ledge or house siding. Available in Dark Green, Lemon Yellow, Black and Oyster White in the following sizes.

18 inch. \$2.55 each
 24 inch. \$2.95 each
 30 inch. \$3.35 each
 f.o.b. Denver

AEROSOL BOMBS

ANTROL ROSE SPRAY

Contains Lindane, Rotenone, Pyrethrins and Piperonyl Butoxide. For use on roses and other ornamental plants.

Postpaid, 12 oz. bomb \$1.49

ANTROL AFRICAN VIOLET SPRAY—

For African Violets and all other house plants, Contains Pyrethrins and Rotenone.

Postpaid, 6 oz. bomb \$1.00

ANTROL ANT AND ROACH BOMB—For quick and handy way to control ants, roaches and other crawling insects. Leaves residual deposit of Lindane, effective for weeks.

Postpaid, 12 oz. bomb \$1.19

RIDZ DOG REPELLENT—Aerosol bomb, easy to apply. A touch of your finger applies it where you want it.

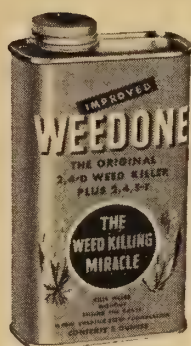
Postpaid, 12 oz. bomb \$1.49

MOTH PROOFER—Kills moth, worms and eggs. Moth proofs upholstery, clothing and other woolen articles.

Postpaid, 11 oz. bomb \$1.39

DWIN HOUSEHOLD BOMB—For flies, moths, mosquitoes and roaches indoors; flower fragrant.

Postpaid, 12 oz. bomb \$1.69



Improved WEEDONE

The Weed-Killing Miracle

Weedone contains powerful 2,4,5-T, as well as 2,4-D. It's the butoxy ethanol ester weed killer which does not give off vapors injurious to nearby flowers, vegetables and shrubs. Weedone kills dandelions, plaintains, Japanese clover, poison oak, wild blackberry and over 100 other weeds and woody plants. Here's one weed killer that never lets you down. Can be sprayed on growing and dormant plants.

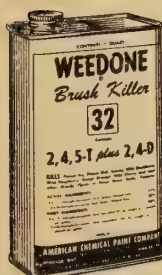
8-oz. can \$1; 1-qt. can \$2.75;
1-gal. can \$6.75; 5-gal. can \$24.75
Postpaid



WEEDONE PLASTIC APPLICATOR

Cap fits any screw-top gallon jug and makes handy 1/2-oz. measure. All plastic; no sharp edges to cut or scratch hands.

59c, Postpaid



NEW WEEDONE '32' BRUSH KILLER

This most powerful combination of new 2,4,5-T PLUS 2,4-D kills over 100 kinds of woody, hard-to-kill plants like poison ivy, oak, willows, brambles, etc., as well as thistles and other perennial weeds, without destroying pasture grass. Gives good kill spring, summer, or fall, without vapor injury to nearby susceptible crops. Prevents re-sprouting of tree stumps. Write for Free Bulletin. Postpaid: 1 qt. (makes up to 25 gals.) \$3.75. Gallon \$7.95; 5 gal. can \$34.50.

WEEDONE CONCENTRATE 48

(The Ethyl Ester Formulation)

Contains 3 lbs. 2,4-D acid equivalent per gallon. For use in corn, small grain and other crops. Consistently more effective than the salt formulations in treating perennial weeds and annuals in late stages of growth, during dry weather and under other adverse conditions. Sticks rain or shine. Mixes with any quantity of water or oil for ground or airplane application. Requires lower amounts of acid per acre than salts for equal results. Postpaid: Gallon \$4.15; 5 gal. \$19.75

WEEDONE CHLORO IPC

Emulsifiable formulation containing 4 lbs. of Chloro IPC per gallon. This material can be used for control of annual grasses and some broadleaf weeds and as a pre-emergence spray for cotton, beans, onions and lettuce. WEEDONE CHLORO IPC will also effectively control chickweed and annual grasses as a dormant application in the fall in established stands of alfalfa (more than one year old).

Postpaid: Gallon \$8.75; 5 gal. \$43.00

WEEDONE LV-4

Emulsifiable butoxy ethanol (low volatile) ester formulation of 2,4-D, contains 4 lbs. 2,4-D acid equivalent per gallon.

Postpaid: Gallon \$6.50; 5 gal. \$31.35

TCA 90% GRASS KILLER

This chemical is used for the control of established noxious grasses such as Bermuda Quack, Johnson, Para and other perennial and annual grasses or their seedlings. Can be used to control these grasses in crop lands, by spot treatment where localized injury to crops may be tolerated, or by general treatment to the area during the off season. This treatment should not be used on land that is to be planted immediately in crops as the effect from the chemical may last one to three months. Its duration will vary with soil type and rainfall. For most grasses use 50 to 100 lbs. per acre.

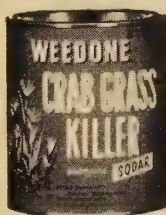
Postpaid: 10 lb. drum \$5.40; 50 lb. drum \$23.50.

ACP Maleic Hydrazide 40

MH-40 will control Quack Grass. Allow Quack Grass leaf growth to reach 4 to 10 inches in height in the spring. Use 10 lbs. MH-40 in 20 to 100 gallons of water and apply to an acre of exposed Quack Grass leaves. Plow or spade the soil 8 days after spraying, and plant your crop. MH-40 can also be used to spray grasses along highways as it contains a growth inhibitor that will temporarily inhibit the growth of grasses and substantially reduce the number of mowings required per season.

Postpaid: 5 lb. pkg. \$14.75 each.

WEEDONE IMPROVED CRAB GRASS KILLER



A combination of Potassium Cyanate with MCP, New Crab Grass killer that will take care of Crab Grass, Dandelions, Chick Weed, Plantain and a dozen of other lawn weeds. Made by the makers of Weedone. 6 1/2-oz. can (treats 1200 sq. ft. of lawn) \$1.25. 26-oz. (treats 4800 sq. ft. of lawn) \$3.75—Postpaid

SODIUM SALT—70% 2,4-D

For spray application to the leaves of such weeds as dandelion, plantain, mustard, chickweed, morning glory or bindweed, dock and ragweed. Kills the weed without killing the grasses. Use 1 1/4 pounds Sodium Salt 70% 2,4-D to each 100 gallons of water and spray the leaves of the weeds thoroughly. 200 gallons of spray per acre gives good coverage.

5 lb. pkg. \$6.25, 10 lbs. \$11.50, 50 lb. drum \$50.00, postpaid.

CRAG HERBICIDE-1

A crabgrass infested lawn is much easier to prevent than to cure. By using Crab Herbicide early in the spring, first application when apple blossoms turn pink, then reapplied at monthly intervals thru August will keep your lawn free of Crabgrass by killing the seeds as they start to sprout. Use one level tablespoon to 3 gallons of water for each 100 sq. ft. of space.

Postpaid: 4 oz. can \$1.50; 1 lb. can \$4.49.

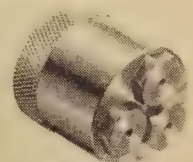


SOFT DIRT PROOF WASHABLE

All leather, dust-proof, soft as kid. Ideal gloves for men or women, made from select, special processed leather. Economical, complete protection. Sizes: Men's Small, Medium and Large; Ladies' Small, Medium and Large. Per Pair \$1.75.

FOGG-IT

Garden Fog Nozzle

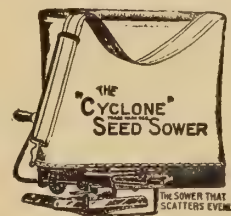


Fogg-It produces a fine-as-fog solid pattern of spray for those areas which need particular, careful watering. It's ideal for watering seed beds (will not wash away seeds, soil, or fertilizer), new plantings, newly-seeded lawns, young plants and all tender plants such as fuchsias, begonias, orchids, etc. \$1.95.

CYCLONE SEEDER

Seed Sower known and used wherever seed is sown. Can be used any time, any place a man can walk.

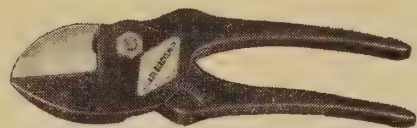
The CYCLONE distributes accurately all smooth grass seed and grain, pellet and granular fertilizer. Has exclusive



DOUBLE OSCILLATING FEED and INSTANT FEED CONTROL; prevents waste and gives instant control. Built for many years of service. Capacity 1/2 bushel. The sower that satisfies. Each \$4.30, postpaid \$4.55.

TOOLS

VILLAGE BLACKSMITH HAND TOOLS

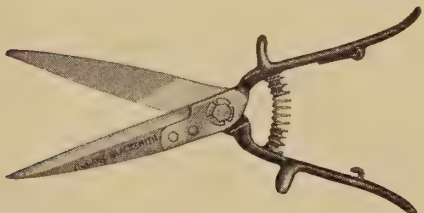


VILLAGE "ANVIL" PRUNER
3000—8½" overall, \$2.95 ea., postpaid

"CALIFORNIA TYPE" PRUNER
3500—8" overall, \$1.40 each, postpaid



PUMP ACTION GRASS SHEAR
1500—11" overall, \$1.35 each, postpaid



V-B GRASSNIPS—A very practical all steel grass shears, with handles designed to fit the hands. The blades are polished on both sides designed of hardened steel. **Each \$1.85, postpaid.**

HEDGE SHEARS



Keen ground and notched special 8-inch blades. Natural wood handles. **Postpaid, \$3.50.**

LONG HANDLED PRUNER

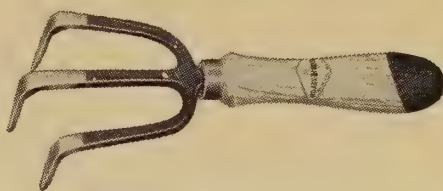


Drop forged steel cutting parts, green painted ash handles 22 inches long with long tubular steel ferrules. Cuts 1¼-inch limbs. 27 inches overall length. **Postpaid, \$3.95.**

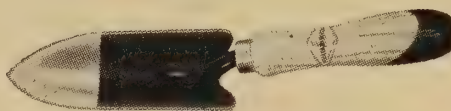
NEWMAN No. 122 PRUNER

The Speed Cut Pruner is the finest anvil type ever built. Handles are made of cellulose acetate and are hand fitting, and non-breakable.

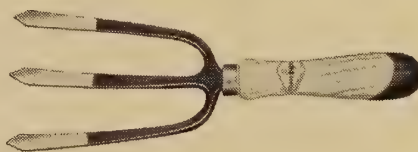
Leverage is offset to make speedy, clean cut. Blades are of cutlery steel, hardened and tempered, replaceable blade and brass anvil. **Each \$2.50.**



HAND CULTIVATOR
7032—9½" overall, 75c each, postpaid



HAND TRANSPLANTER
7023—11½" overall, 75c each, postpaid



HAND FORK
7031—11½" overall, 75c each, postpaid



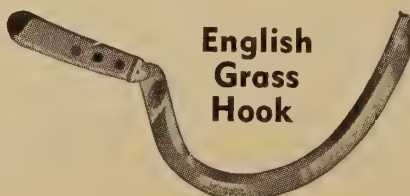
NEWMAN No. 185-8 PRO PRUNER

The heavy duty Professional Hand Pruner represents the last word in a precision built hand pruner. It is a Nickle chromed alloy steel drop forged with cutlery steel blades, spring opening handles and safety lock. **Each \$3.00, postpaid.**



NEWMAN GRASS SHEARS No. 111

The old fashioned Grass Shear with 5½ inch blades tempered and polished, colored handles and bows. **Postpaid, \$1.35.**



Tool steel blade with crucible steel, riveted handle, 32 in. length. **Each \$1.25, postpaid.**

PRUNING SAWS



STRAIGHT SAW WITH DOUBLE CUTTING EDGE—Good quality, specially hardened and tempered blade, one edge has sharp cross cut teeth, 8 points to the inch for finish stroke and barking; other edge has coarse "Champion" teeth for easy sawing in green wood. Hardwood handle with 18-inch blade. No. S8-18. **Each \$2.60, postpaid.**

POLE SAWS—This pole saw is specially adapted for cutting limbs over 1¼ inch in diameter where blade with slight curve is required. Blade is adjustable to three angles. 18 inches long and is ground for clearance which prevents binding.

No. 1100 with 8 ft. pole.....**\$7.25 each**
No. 1100 with 10 ft. pole.....**7.75 each**
No. 1100 with 12 ft. pole.....**8.25 each**
F.O.B. Denver

FLOWER PICKERS

Cuts and holds the flowers at the same time. Finely adjusted springs hold stem as the flower is gathered, cuts stem clean. **Postpaid, \$1.49 each.**

GRAPE PICKER

Narrow bladed scissors, made especially for harvesting fruit such as grapes and cherries or whenever stems are left on fruit. **Postpaid, \$1.75 each.**

GRASS WHIPS—No. 85

Overall length 42 in. Blade made of high carbon steel, tempered blade 1¼" wide, 8¾" long. Shaft riveted to blade. **Postpaid, \$1.30 each.**



WEED CUTTER—No. 1155

Serrated cutting blade 14½"x2½", high carbon blue steel blade. 30 in. heavy duty ash handles. **Postpaid, \$1.85 each.**

ASPARAGUS KNIFE



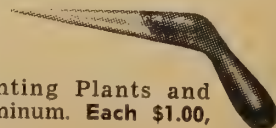
This universal tool is 15 in. long with a well sharpened 9½ in. blade. Ash handle. **Postpaid, 69c each.**

LONG HANDLED WEED KNIFE

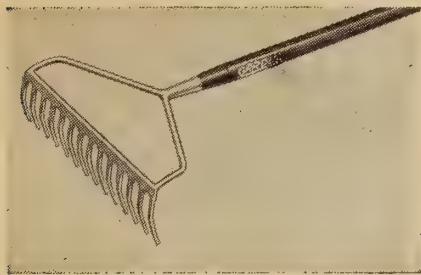
Proper stand up length, ash handle, 36 in. long with "V" shaped blade.

GARDEN DIBBLE

For Transplanting Plants and Bulbs. All aluminum. **Each \$1.00, postpaid.**

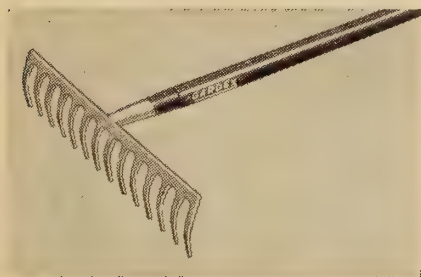


GARDEX HAND TOOLS



BOW RAKE No. 250

The most popular of all rakes, the bow gives extra strength and a springy feel. It also aids in leveling the soil when rake head is turned over. Has 14 curved teeth, 14 inches wide and a 5-foot handle. Each \$2.75, f.o.b. Denver.

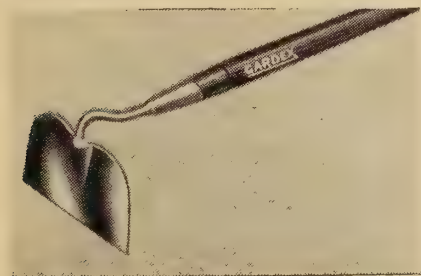


LEVEL HEAD RAKE No. 251

A popular tool constructed without bows. Preferred by many because of its lighter weight. Has 14 curved teeth, 14 inches wide, 4 ft. handles. Each \$2.35, f.o.b. Denver.

CLEANUP AND CRABGRASS RAKE No. 415

Very useful for cleaning up dead leaves, twigs and other lawn debris. Excellent for removing dandelion blossoms before they go to seed. Has 26 teeth, 16¼ in. wide. Tapered socket with 5 ft. handle. Each \$2.55, f.o.b. Denver.



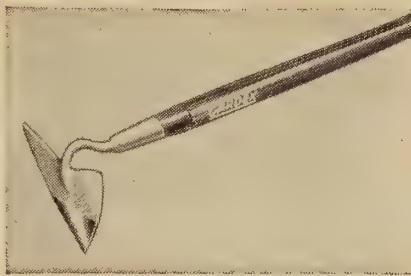
GARDEN HOE No. 9007

The top favorite among hoes, has 7 in. polished blade with 4½ ft. handle. Each \$2.20, f.o.b. Denver.



NURSERY HOE No. 902-7

Easy to work under low plants and shrubs with its cropped ears. Full polished 7-inch blade is sharpened 3 sides. Handle 4½ ft. long. Each \$2.20, f.o.b. Denver.



WARREN HOE No. 2105

With sharp sides, ears and point, this tool is used for many hoeing purposes as well as for furrowing and hilling. Used for making seed furrows with the point, then turning over blade and using ears to cover furrow. Blade size 4¾" between ears, 6⅝" ear to point, tapered socket and 4½ ft. handle. Each \$2.65, f.o.b. Denver.



GARDEN SHOVEL No. 022

Half polished 7¾x10 inch blade with foot rest and tapered socket, one-piece construction, slightly bent 42-inch handle. Each \$3.30, f.o.b. Denver.



HAND TROWEL No. 740

Round sharpened point 11½ in. over-all length, 3¼ in. wide. Postpaid, each 75c.



TRANSPLANTING TROWEL No. 741

Narrow, sharpened blade, 11¼ in. over-all length. Postpaid, each 75c.



DANDELION DIGGER No. 706

Overall length 15 in., with wood handle. Postpaid, each 75c.



BULB PLANTER No. 750

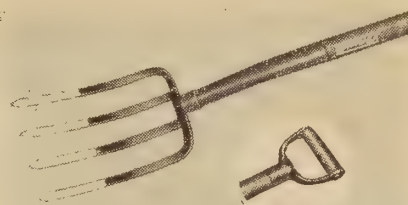
All steel, preferred for heavy soil because it lifts soil out of hole, leaving walls soft. Postpaid, each \$1.19.



BULB PLANTER No. 752

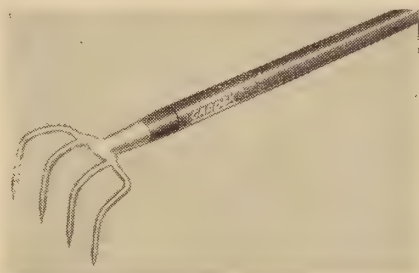
For Gladiolus, Tulips and other large bulbs. Overall length 8 inches, barrel 2¼ inch diameter, 2¾ inches deep.

Postpaid
Each 98c



SPADING FORK No. 001

Polished 11-inch tines, round pointed for safety, and triangular shaped for strength and easy soil penetration, medium weight "D" Grip 30-inch handle. Each \$3.55, f.o.b. Denver.



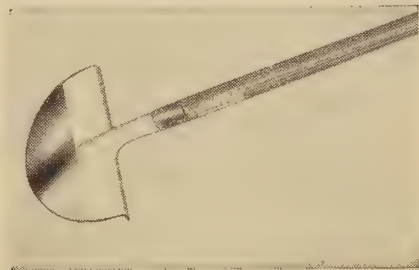
SPEEDY CULTIVATOR No. 1514

Lightweight, differs from other cultivators in its tine curvature, excellent for aerating soil. Tine length 4 in.; width of head 5½ in.; handle length 4½ ft. Each \$2.60, f.o.b. Denver.



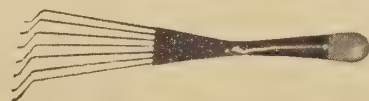
BROOM RAKE No. 403

Cupped shape permits all 22 teeth to touch the ground, thus gathering up everything in its path. Flexible, specially tempered flat spring steel teeth. Won't pull grass roots. Each \$1.90, f.o.b. Denver.



HALF MOON TURF EDGER No. 402

Heat treated carbon steel with turned step and sharpened blade that keeps its keen edge. Blade 8¾ in. wide x 4¾ in. deep, tapered socket, 4 ft. handle. Each \$2.55, f.o.b. Denver.

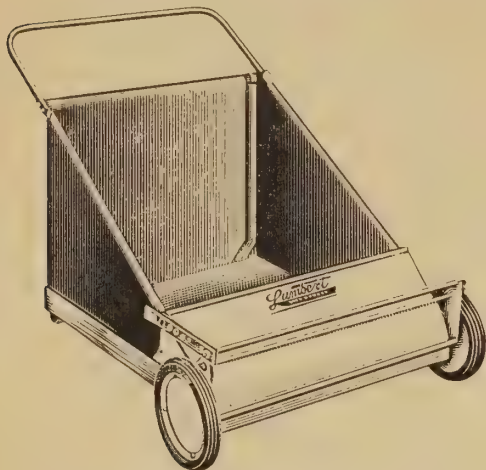


SHRUB BROOM No. 717

Overall length 15½ in. Width 4½ in. Postpaid, each 75c.

Lambert LAWN SWEEPERS

Eliminates tedious raking, let the quiet lawn sweep gently pick up leaves, grass clippings, small twigs and paper from your lawn and driveway into a canvas basket with easy action. Gives your lawn a healthy dry shampoo. Excellent for removing snow from walks.



Two "STANDARD" MODELS (21 inch S-212; 30 inch S-303). No more back ache—and lots more leisure time will be yours with either of these economical, labor saving sweepers. Pick Model S-212 if your total lawn area doesn't exceed 1000 square feet—otherwise you'll be smart to buy the larger Model S-303. Features (except width) are identical on both models: Exclusive Lambert ONE-LEVER ADJUSTMENT for brush height and cowl angle (for lawn or paved areas)—Waterproof canvas—Swivel casters under hamper pan—Foldaway Storage—Lightweight and easy to handle.
No. S-212 (5 bu. cap.) 21" Sweeper . . \$34.95
No. S-303 (7 bu. cap.) 30" Sweeper . . 47.50

Chattanooga's

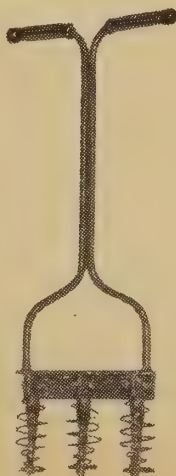


JOY WHEELBARROW

A sturdy all metal wheelbarrow, ball bearing wheel, with rubber tire, handles are wedged and grooved. They fit together tightly and are held rigidly together with tray bolts. Easy to handle, 3 bushel capacity. Each \$14.50, f.o.b. Denver.

BUCH Patented FORK AERATOR

A smaller, easy to use hand fork aerator for spot aeration and for small lawns. Provides adequate aeration with a minimum of work. Handle painted red. Black rubber hand grips. Spoons and Flexipress springs are natural, unpainted tempered steel.
\$9.00 each, postpaid.



GRASS-STOP

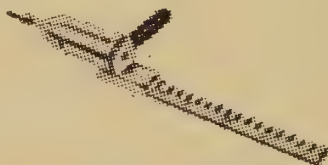


GRASS-STOP . . .

Can easily be shaped to any design. Keeps your flower beds trim, your grass from spreading in driveways, sidewalks. Made of tight grip galvanized steel. Heavily and closely corrugated for maximum rigidity. Top edge hemmed over for safety—will not cut children's feet. Easily connected by means of slip connectors, 49 inch lengths for easy installation, 4 inches wide. Pound it into the ground.

Price: 25 ft. \$3.00; 50 ft. \$6.00, f.o.b. Denver.

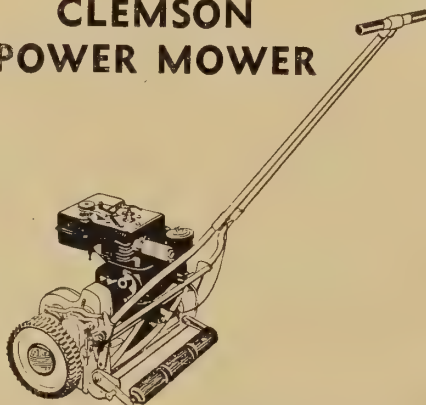
DUWEL HEDGE TRIMMER



Model HT-100

Full 12-inch cutlery steel cutting blade, precision balanced, weighs only 4½ lbs., with 1200 strokes per minute, automatic cut-off switch. Well built. \$40.20 each, postpaid.

CLEMONSON POWER MOWER

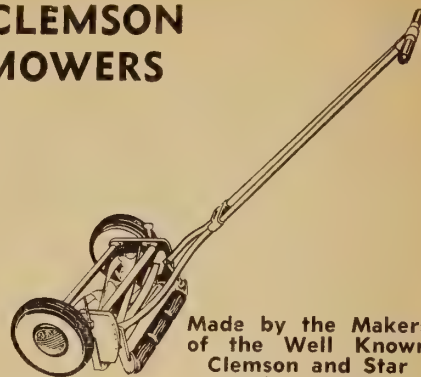


CLEMONSON "Power Drive" MOWER—

Full 1-6/10 H.P. Briggs and Stratton Engine with automatic re-wind starting cord. Has patented grass guard, positively keeps grass and weeds from winding up on reel shaft, saves work and time. No tools needed for precision adjustment of reel to bed knife, no tools needed for quick, easy cutting height adjustment. You can't burn out or damage the reel clutch by stalling the blades on sticks, stones or other obstructions. Mower can be stopped by putting the handle straight up or dropping the handle. Power from the wheels can be disengaged and have the reel keep going full speed, so that you can move up to obstructions and trim. 18 inch cut, with roller divided into three sections for easy turning.

Price, \$149.95, f.o.b. Denver (shipping weight 95 lbs.)

CLEMONSON MOWERS



Made by the Makers
of the Well Known
Clemson and Star
Hacksaw Blades

CLEMONSON 16—Has all the exclusive Clemson quality features at a price anyone can afford. Oil impregnated hardwood rollers. Steel tube handles with palm fitting plastic covered hand grips and built in clippers bracket. Wheels with solid rubber tires roll on roller bearings. New four-spider welded reel with two-way rigidity. 15 inch cutting swath. Price \$25.95, f.o.b. Denver.

CLEMONSON E-17—Has all the features of 16 and 17 plus flatstrip fly knives with two way rigidity and extra large tie tube and larger rollers. Price, \$34.95, f.o.b. Denver.

HERE'S THE QUICK
Easy way to
trim and edge
your lawn!

TRIMS LAWNS,
HEDGES,
SHRUBS AS
NEAT AS
A PIN!

MIRACLE
TRIM

MODEL 20

\$37⁵⁰

MIRACLE-TRIM puts the finished look to your lawn and driveway. Ends tedious, tiresome hand trimming. MIRACLE-TRIM cuts quickly, easily—as you walk. So versatile it's actually fun! Ask to see MIRACLE-TRIM at your dealer.

GUARANTEED FOR 6 MONTHS

High Speed precision motor
38" lightweight
adjustable handle—
Fingertip safety switch.

COMPRESSED AIR SPRAYERS



No. 20—Compressed Air Sprayer

Capacity 2 gallons, constructed of heavy galvanized steel with attached funnel for easy filling. Easily portable, equipped with metal carrying handle, 28 in. rubber hose, 12 in. brass extension tube and adjustable nozzle. **Postpaid, each \$9.50.**

10-G

1½ gallon capacity galvanized tank equipped with a 20 inch rubber spray hose, 12 inch brass extension rod and the new No. 85 adjustable nozzle. **Each \$7.00, postpaid.**



No. 30-G—Compressed Air Sprayer

3½ gallon capacity, tank constructed of heavy galvanized steel, 20 inch heavy duty rubber hose, 18 inch brass extension tube, and adjustable spray nozzle. **Each \$8.00, postpaid.**

FLAME SPRAYERS

These new burners are offered in two sizes and types that meet every need for the farmer, builder, forester, railroad man, contractor, etc. Universal's new burner uses kerosene, range oil or light distillate. Precision built nozzle gives high, intense flame.

No. 90 — 4 Gallon Capacity

Universal's large capacity Flame Sprayer—equipped with oil resistant heavy duty hose. Burns about 1 gallon per hour. Electric welded galvanized steel tank has

comfortable carrying strap, large brass pump, pressure gauge. Burner is correctly balanced.

**Each \$26.00
Postpaid**

No. 91 — 1½ Gallon Capacity

Built-in brass pump attached to filler cap. Pop-off valve releases pressure. Pressure gauge attached to tank. Galvanized steel tank, electrically welded. Any desired flame. Carrying handle.

**Each \$22.50
Postpaid**



CHAMPION ALL-BRASS KNAPSACK SPRAYER

Easy-to-use, built for long life. Uniform pressure of 200 pounds easily pumped as needed by lever; agitator keeps 4½ gals. well mixed. Nozzle quickly adjusts from fine spray to 35-ft. stream. Liquid twice filtered.

Each \$29.95, postpaid

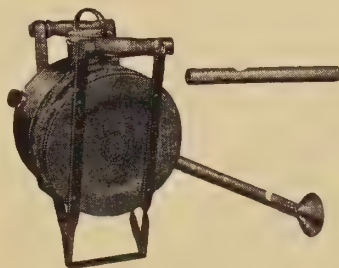


CHAMPION DUSTER (Single Action)—

Knapsack type, large, powerful bellows. Easy to operate; will thoroughly crush sulphur and handle all standard dusting materials. May be adjusted for light or heavy application. Capacity, 15 to 20 pounds material. **Postpaid, \$27.95.**

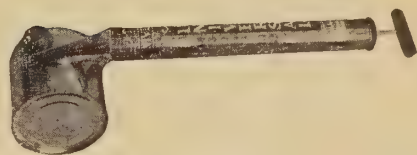
CHAMPION DOUBLE ACTION

DUSTER—Same as above, but gives continuous flow of dusting material. **Postpaid, \$29.95.**



CHAMPION HAND DUSTER—The pressure created by this hand duster is so great that the operator can stand erect and dust the underside of plant leaves or the top of small trees. The powder cannot escape on the operator. Eight pounds of powder is carried in this five-pound duster. **Postpaid, \$10.00.**

HAND SPRAYERS



T-32 BOMBER

Quart, all tin continuous spray for all-around use. **Postpaid \$1.45.**



G-34 ACE

3-Quart Continuous Sprayer

This sprayer operates with ease and produces a large volume of spray, the nozzle throws an even spray. Ideal for home owners, farmers and especially for cattle sprays. **Postpaid, \$2.50.**

HAND DUSTERS



D-12 AIRLINER DUST GUN

All tin construction. Powder compartment holds 2½ lb. of dust. Ideal for home and garden use. **Postpaid, each \$1.00.**

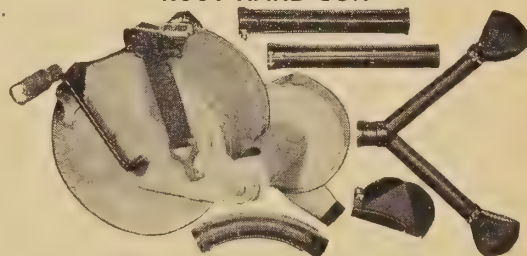
D-14 DUSTER

A bonus sized unit, holds over 1 lb. of dust, with two 12-inch extensions and straight nozzle furnished. **Postpaid, each \$1.50.**



D-13 DUSTER—A popular bellows type duster. Equipped with conical nozzle that also serves as a filler funnel. Sprays a wide cone shaped pattern—ideal for shrubs, plants, etc. Holds a large quantity of powder. Top grade russet leather bellows. Overall size—29"x6" wide. **Postpaid, each \$3.60.**

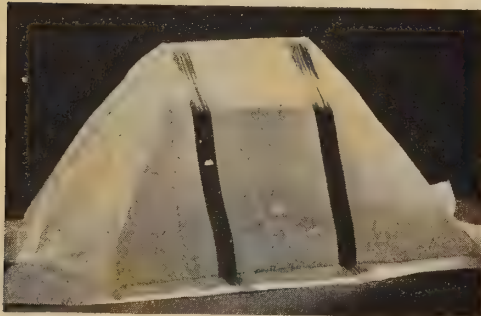
ROOT HAND GUN



This duster is ideal for controlling insect pests and fungus growth on plants. Will easily care for 8 to 10 acres per season. A revolving fan designed to handle all dusts efficiently. Gun case permits swinging discharge tube from front to rear of operator. The rate of dust discharge can be adjusted from 1 to 25 pounds per acre. Weighs 12 pounds and hopper will hold 7½ pounds of fluffy dust. **Root Duster Complete with Y's for two row dusting, \$30.00, postpaid.**

Germaco
Hotkaps
 Help You Have **SURE CROPS**
3 Weeks Earlier!

Prices: 1000 lots, \$18.35; 5000 lots, \$18.20 per 1000; Home Garden Package—100 Hotkaps and Fibreboard Setter, \$3.15; Garden Size—25 Hotkaps and Fibreboard Setter, 95c; Steel Setters, \$1.95 each; Fibreboard Setters, each 25c; f.o.b. Denver.



HOTENTS

"THE LARGEST AND STRONGEST PROTECTOR"

552 Cubic Inches of Protected Area

Hotents are designed to protect and force all varieties of plants where a large plant protector is needed. They are made of a paper which is extra strong. It is rot-proof and allows the rays of the sun to penetrate and at the same time retains this heat. Hotents are strong, being supported by two wire bows. All the space within the protector is available for the growing plant. Especially recommended for Melons, Tomatoes, Peppers, etc. Packed 500 to package. Weight 35 lbs.

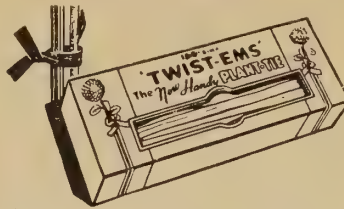
Price: 1000 for \$27.50, f.o.b. Denver
 Hotent Setter, each \$2.50

TRAIN-ETTS

Ideal support for SWEET PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES. Hung in 5 minutes. Doesn't rot like string, nor burn tendrils like wire. 3 sizes—
 60-inch x 72-inch, 65¢
 60-inch x 96-inch, 85¢
 60-inch x 180-inch, \$1.25

POSTPAID

TWIST-EMS

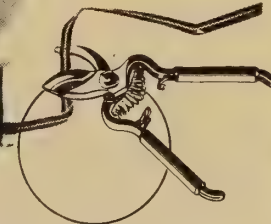


In handy, convenient packages. Cut in two convenient sizes for the home gardener for tying up vines, flowers, shrubs and vegetables. Also grand for floral arrangements.

Box of 100..... 8 inch size 25c
 Box of 100..... 16 inch size 50c
Postpaid



TWIST-EMS in Rolls



This new colorful, handy package contains a roll of 250 continuous feet of **TWIST-EMS**. A snip of the shears and you have the exact length for every purpose. For tying annuals, shrubs, vines, vegetables—arranging flowers, etc. On plastic reel, packed in handy box dispenser. **\$1.00 each, postpaid.**

UTILITY 'TWIST-EMS'

Strong dark green tapes with wire reinforcing that make perfect ties for bunching vegetables, as well as for plants and vines.



Utility Twist-Ems are 1/4" wide and are cut in 7", 12" and 16" lengths. They are green in color. In convenient bundles of 250 pieces.

7 inch per 1000..... **\$1.75**
 12 inch per 1000..... **2.65**
 16 inch per 1000..... **3.50**

JUDSEN MOLDED RUBBER KNEE PADS



FOR EVERY "DOWN-ON-THE-KNEES" JOB!

Makes kneeling on hard, rough ground or floors easy. They form-fit your knees and stay in place. **Postpaid, per pair, \$2.25.**

LADIES—Pink rubber. **Postpaid, per pair, \$1.49.**

HAYES SPRAY GUNS

For Applying Insecticides (Liquid or Powder), Fungicides, Liquid Fertilizers, Weed Killers, Lawn Moth Solutions, Termite and Ant Control.

Hayes Sprayers are offered in a range of sizes and models to meet all garden requirements. The most economical garden sprayers per gallon of spray solution delivered.

HAYES 3

Makes 3 gallons of spray solution with one loading. Thumb-touch control orifice. Ideal for small gardens. **\$4.95.**

HAYES 4

Makes 4 gallons of spray. Positive on-and off control valve. **\$6.45.**



HAYES 6

Makes 6 gallons of spray. Longer nozzle reaches to inside of plants and low-lying leaves. **\$9.95.**

HAYES LAWN SPRAYER

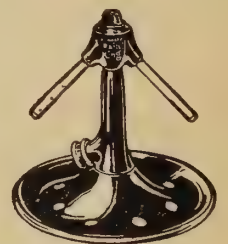
The newest addition to the Hayes line. For quick, accurate application of Liquid Fertilizer, Insecticides, Fungicides, etc. Applies material in half the time due to the 1 to 60 ratio. Quart size jar sprays 16 gallons. **\$3.75 each postpaid.**

HAYES PROPORTIONER

A siphoning unit to be attached to the faucet and garden hose for large capacity application of Liquid Fertilizers and similar substances. Proportions in a ratio of 1 to 10. **\$1.95.**

SUNBEAM RAIN KING

Model "K"



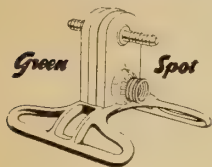
America's only automatic sprinkler, automatically sets distance and type of spray with one setting. A turn of the control button sets the Model "K" for any desired area. Whether set for large or small circles, the spray is always broken up by the speed of the revolving arms to provide a natural rain-like shower that is best for all lawns. Made with bronze bearings and all exposed brass parts are chromium plated. **Postpaid, each \$9.95.**

SUNBEAM RAINING OSCILLATING SPRINKLER

The finest wave sprinkler ever offered. Sweeps a fine soaking rain over an area of 1500 ft. or more. Made of rust proof, stainless steel tubing, with wide sturdy aluminum base. All gears separated from water chamber to prevent sand, grit, etc., from entering gear box. Quickly adjusted for sprinkling just the area wanted. **Postpaid, each \$13.95.**

GREEN SPOT GARDEN ACCESSORIES

WATERITE OSCILLATING SPRINKLER H-367



Set dial for size of area, rectangular watering up to 35 ft. by 40 ft. Heavy, no tip cast iron base. All parts corrosion resistant.

Postpaid, Ea. \$14.95

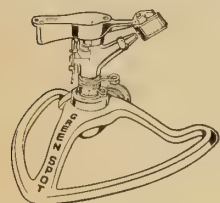
TWIN-DIAL ADJUSTABLE SPRINKLER H-366



Completely automatic, dials set nozzles for circle size desired up to 50 ft. Perfect water distribution on low or high pressure.

Postpaid, Ea. \$8.95

WATERBOB IMPULSE TYPE SPRINKLER H-340



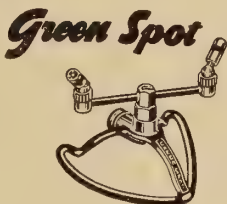
Waters all or parts of circles up to 80 feet across. Works on low water pressure. Has brass head with stainless steel rubber bearing surfaces. Heavy cast brass base.

Postpaid, Ea. \$9.00

TWO ARM ADJUSTABLE SPRINKLER H-334

Waters circles 10 to 50 ft. with fine or coarse spray. Lock heavy nozzles at any angle, set for any type of spray. Arms can be made stationary or rotary by adjusting sliding sleeve.

Postpaid
Each \$6.50



FOUR ARM SPRINKLER H-346



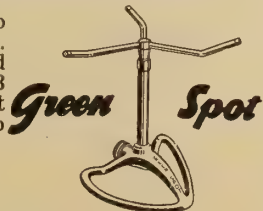
Waters circles 45 ft. across. 4 permanently set jets individually angled for even water distribution. Heavy no tip base.

Postpaid
Each \$4.95

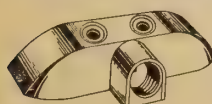
THREE ARM SPRINKLER H-354

Waters circles up to 40 ft. across. Area watered uniformly by 3 permanently set spray tips. No tip cast iron base.

Postpaid
Each \$3.75



OWL EYE SPRINKLER H-221



Waters circles 20 to 25 ft. across. Sits flat on ground, throws medium coarse rain-drop spray in even pattern. Chrome finish.

Postpaid
Each \$1.00

ROUND FLOWER SPRINKLER H-226



All brass with bright polish, 4 inch head throws a fine spray, excellent for new lawns and flowers.

Postpaid
Each \$1.10

FAN SPRAY H-262

Heavy duty forged brass, 5 inch face.

Postpaid
Each \$1.65

FAN SPRAY — H-265

Wrought brass, waters rows and roots without leaf wetting. 5 in. face. Postpaid, Each 75c.



FAN SPRAY SPIKE H-266



Solid spray working head with steel spike base, fine droplet spray that covers a large area.

Postpaid, Each 33c

HEAVY DUTY HOSE NOZZLE H-360



Green Spot

Green Spot

Solid brass with positive shut-off, deep knurled, easy to control from solid stream to finest spray. Postpaid, Each \$1.65.

STANDARD HOSE NOZZLE H-375

Solid brass, adjusts from solid stream to finest spray. Postpaid, Each \$1.25.

ECONOMY

HOSE NOZZLE H-257

Wrought brass, satin finish, spray adjustable, light weight. Postpaid, Each 75c.

No. 190 ROOT IRRIGATOR

Made of 1/4 in. iron pipe, 3/4 in. brass hose connection. Slotted for deep underground irrigation of trees and shrubs. Fitted with a steel point for easy insertion into hard ground. Long milled slots at the front of this irrigator provide ample water, without pressure, for rapid saturation underground. These slots are so placed that irrigator may be moved without splashing feet of operator. Capacity 7 G.P.M. at 30 lbs. pressure. Postpaid, Each \$2.00.

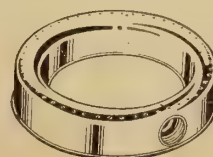
CRESCENT SHAPED SPRINKLER H-263

For semi-circle areas. Covers areas up to 10x20 ft. All brass, non-leak seams.

Postpaid
Each \$1.75



RING SHAPED SPRINKLER H-270



Waters circles up to 20 ft. with medium rain-drop spray. Brass with non-leak seams.

Postpaid
Each \$1.90

MULTIPLE LAWN SPRINKLER H-255

(Series sprinklers) Covers areas up to 15 ft. with a misty spray. Perfect for low water pressure, won't wash. May be used in series for long narrow plots.

Postpaid
Each \$1.00



QUICK CONNECTORS H-351



Green Spot

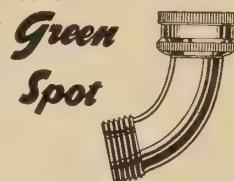
Leakproof connector for quick snap on and off of hose from faucet, ball bearing swivel prevents twisted hose.

Postpaid, Ea. \$1.25

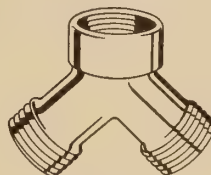
GOOSENECK No. H-344

Fits on sillcock, eliminates hose bending and kinking, prevents skinned knuckles. Cast brass with swivel nut.

Postpaid, Ea. \$1.00



"Y" CONNECTOR



Green Spot

Doubles the outlets of a sillcock, by attaching two hoses to one faucet. Cast brass.

Postpaid, Ea. \$1.00

SHUT-OFF VALVE H-359

Saves steps to and from sillcock, use between hose lengths, at end of hose with sprinklers, hand sprays, car washers. All brass construction. Quicker than screw type.

Postpaid, Each \$1.75



CLINCHER COUPLING H-281



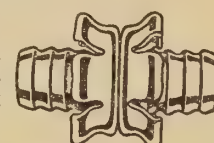
Green Spot

For rubber hose, gives permanent grip. Rustproof steel fingers lock edge to edge to prevent excessive squeezing and cutting of hose. Heavy gauge brass king size shanks. For 5/8 in. Hose I.D. 43c each, postpaid. For 3/4 in. Hose I.D. 43c each, postpaid.

CLINCHER MENDER H-282

For rubber hose, one piece, solid brass body, king size shanks, for permanent grip, leak proof. 5/8 inch or 3/4 inch.

Postpaid, Each 20c



Green Spot

RUBBER HOSE WASHERS



Green Spot

Clips of Washers, 10 per clip.

Postpaid, 10c

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Cauliflower	5
Celery	7
Chicory	7
Chive Plants	25
Corn—Pop	9
Corn—Sweet	8-9
Cucumbers	10
Egg Plant	10
Endive	11
Garden Roots	25
Garlic	25
Herbs	25
Horse Radish Roots	25
Kohl-Rabi	11
Leek	11
Lettuce	11-12
Mushrooms	15
Muskmelons	13
Mustard	15
Okra	16
Onions	15, 16
Onion Sets	15
Parsley	16
Parsnips	16
Peas—Garden	17-18
Peanuts	18
Peppers	18-19
Pumpkins	19
Radishes	20
Rhubarb	20
Rhubarb Roots	25

Rutabagas	24
Salsify	21
Spinach	21
Squash	22
Swiss Chard	3
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Turnips	24
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Clovers	48
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PARCEL POST RATES

Wt. in Lbs.	Local	ZONES			
		1-2	3	4	5
1	\$0.18	\$0.23	\$0.23	\$0.24	\$0.26
2	.20	.27	.29	.31	.36
3	.21	.31	.34	.38	.45
4	.23	.35	.39	.45	.54
5	.24	.39	.44	.52	.63
6	.26	.43	.49	.59	.73
7	.27	.47	.54	.66	.82
8	.29	.51	.60	.73	.91
9	.30	.55	.65	.80	1.00
10	.32	.59	.70	.87	1.10
11	.33	.63	.75	.93	1.19
12	.34	.67	.80	1.00	1.28
13	.36	.71	.85	1.07	1.37
14	.37	.75	.90	1.14	1.47
15	.39	.79	.96	1.21	1.56
16	.40	.83	1.01	1.28	1.65
17	.42	.87	1.06	1.35	1.74
18	.43	.91	1.11	1.42	1.84
19	.45	.95	1.16	1.49	1.93
20	.46	.99	1.21	1.56	2.02
21	.47	1.02	1.26	1.62	2.11
22	.48	1.06	1.32	1.60	2.21
23	.50	1.10	1.37	1.76	2.30
24	.52	1.14	1.42	1.83	2.39
25	.53	1.18	1.47	1.90	2.48
26	.55	1.22	1.52	1.97	2.58
27	.56	1.26	1.57	2.04	2.67
28	.58	1.30	1.63	2.11	2.76
29	.59	1.34	1.68	2.18	2.85
30	.61	1.38	1.73	2.25	2.95
31	.62	1.42	1.78	2.31	3.04
32	.63	1.46	1.83	2.38	3.13
33	.65	1.50	1.88	2.45	3.22
34	.66	1.54	1.93	2.52	3.32
35	.68	1.58	1.99	2.59	3.41
36	.69	1.62	2.04	2.66	3.50
37	.71	1.66	2.09	2.73	3.59
38	.72	1.70	2.14	2.80	3.69
39	.74	1.74	2.19	2.87	3.78
40	.75	1.78	2.24	2.94	3.87
41	.76	1.81	2.29	3.00	3.96
42	.78	1.85	2.35	3.07	4.06
43	.79	1.89	2.40	3.14	4.15
44	.81	1.93	2.45	3.21	4.24
45	.82	1.97	2.50	3.28	4.33
46	.84	2.01	2.55	3.35	4.43
47	.85	2.05	2.60	3.42	4.52
48	.87	2.09	2.66	3.49	4.61
49	.88	2.13	2.71	3.56	4.70
50	.90	2.17	2.76	3.63	4.80
51	.91	2.21	2.81	3.69	4.89
52	.92	2.25	2.86	3.76	4.98
53	.94	2.29	2.91	3.83	5.07
54	.95	2.33	2.96	3.90	5.17
55	.97	2.37	3.02	3.97	5.26
56	.98	2.41	3.07	4.04	5.35
57	1.00	2.45	3.12	4.11	5.44
58	1.01	2.49	3.17	4.18	5.54
59	1.03	2.53	3.22	4.25	5.63
60	1.04	2.57	3.27	4.32	5.72
61	1.05	2.60	3.32	4.38	5.81
62	1.07	2.64	3.38	4.45	5.91
63	1.08	2.68	3.43	4.52	6.00
64	1.10	2.72	3.48	4.59	6.09
65	1.11	2.76	3.53	4.66	6.18
66	1.13	2.80	3.58	4.73	6.28
67	1.14	2.84	3.63	4.80	6.37
68	1.16	2.88	3.69	4.87	6.46
69	1.17	2.92	3.74	4.94	6.55
70	1.19	2.96	3.79	5.01	6.65

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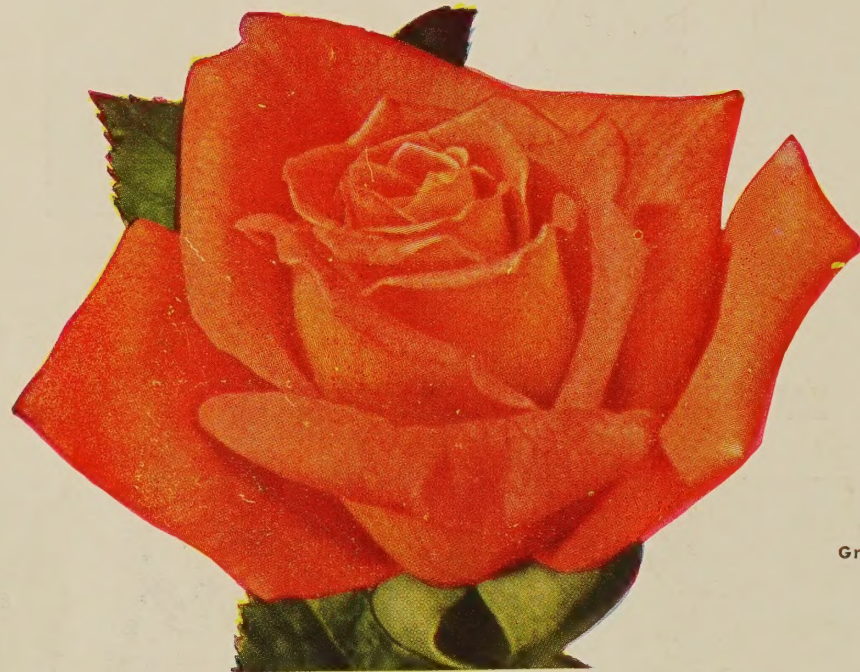
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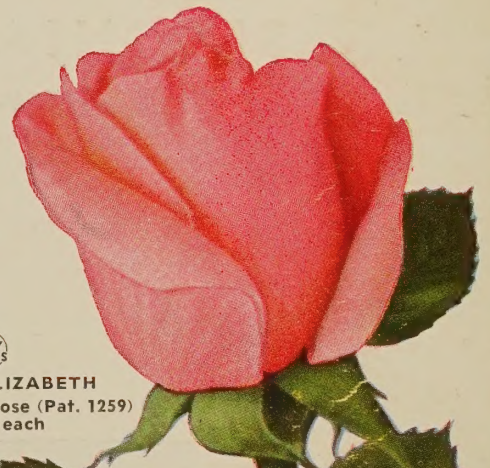
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